



Census Recensement

Canada 1986

USER'S GUIDE
TO 1986 CENSUS DATA
OR
MAJOR FIELD OF STUDY



Statistics Canada
Statistique Canada

Census
Recensement

Canada 1986

Reference

**USER'S GUIDE
TO 1986 CENSUS DATA
ON
MAJOR FIELD OF STUDY**

**THE CLASSIFICATION
STRUCTURE**

Published under the authority of the Minister of Industry,
Science and Technology

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March 1990

Price: Canada, \$30.00
Other Countries, \$32.00

Catalogue 99-130E

ISBN-0-660-13567-1

Ottawa

La version française est disponible sur
demande (n° 99-130F au catalogue).

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PREFACE

The Major Field of Study User Guide on the Classification Structure was prepared by G. A. Mori, M. E. Lalonde, B. Burke and A. Baril of the Housing, Family and Social Statistics Division in order to document the essential procedures that were undertaken in the production of the 1986 Census field of study data. The information is intended to complement as well to encourage the utilization of this rich source of data on the stock of human capital in Canada. Many individuals within Statistics Canada, as well as Employment and Immigration Canada coding consultants, contributed to the production of this valuable data base. Those most directly involved included the following; from Statistics Canada: W. Clark, G. Harper, D. Holmes, J. Kirk, M. Labelle, J. McMillan, C. Sage; and from EIC: C. Armstrong, M. Ball, Y. Jomphe, D. Landry, M. Pay, J. Sullivan, G. Suppes and J. Veilleux. Finally, we wish to acknowledge the source of many of the ideas for the MFS classification in the works of the late Zoltan Zsigmond who conducted the most comprehensive statistical surveys and analyses of the flow of human capital in Canada.

A Major Field of Study User Guide on Data Processing and Validation is projected to be completed in 1991. It will contain further meta-data information such as edit and imputation rules and concordance tables linking the Census MFS classification to other classificatory systems such as USIS (University Student Information System), CCSIS (Community College Student Information System) and ISCED (International Standard Classification of Education). It will also contain selected data comparisons that were utilized to validate the Census MFS data against some previously collected survey and census data.

PART I

MAJOR FIELD OF STUDY USER GUIDE

1. Introduction

The main purpose of this User Guide to the new 1986 Census of Canada information on the major field of study (MFS) of a person's highest postsecondary degree, certificate or diploma⁽¹⁾ is to provide the user with some background information that will aid in the effective utilization, application and interpretation of the MFS data.

The addition of the major field of study question to the 1986 Census 20% sample questionnaire was based on a trade-off with the question on school attendance.⁽²⁾ The rationale for this was that more data on the quality and the stock of human capital would be required to provide for manpower planning and training programs in the 1980s. Prior to 1986, stock data on specialization or major field of study were available from the following sources:

- the 1971 Census data on vocational training and apprenticeship;
- the 1973 postcensal Highly Qualified Manpower Survey;
- the 1978 and 1984 National Graduate survey (based on University and College graduation data);
- the 1982 Current Population Profile labour force survey supplement.

These data were not collected in a periodic nor a standardized fashion and therefore it has been difficult thus far to arrive at a systematic view of the volume and flow of human capital in Canada. The new 1986 Census data on major field of study (MFS) complements these previous sources. Moreover it allows for a great deal of analysis at varying geographic levels and in conjunction with a number of socio-economic variables such as labour force activity, occupation, industry and income.

2. The 1986 Census MFS Question/Instructions

The choice of wording of the 1986 Census question was based on precedents from the above-mentioned surveys. The term "field of study" appeared to be one that is readily understood by most respondents. However, there was some difficulty in respondents understanding or application of this concept to the trades certificate category. The latter was included within the rubric of "postsecondary" qualifications and it seems that the concept of "field of study" may be less germane to certain trades certificates than, say, either the concepts of training or apprenticeship. Nevertheless, the vast majority of responses to the MFS question were consistent and classifiable, and the data appear to be very reliable. The data collection instruments for the 1986 MFS data were questions 22 and 23 from the 2B sample questionnaire (Chart 1).

Chart 1: Questions 22 and 23 from the 2B sample questionnaire.

22. What degrees, certificates or diplomas have you ever obtained?
(See Guide)

Mark as many boxes as applicable

- ☐ None
- ☐ Secondary (high) school graduation certificate
- ☐ Trades certificate or diploma
- ☐ Other non-university certificate or diploma (obtained at community college, CEGEP, institute of technology, etc.)
- ☐ University certificate or diploma below bachelor level
- ☐ Bachelor's degree(s) (e.g., B.A., B.Sc., B.A.Sc., LL.B.)
- ☐ University certificate or diploma above bachelor level
- ☐ Master's degree(s) (e.g., M.A., M.Sc., M.Ed.)
- ☐ Degree in medicine, dentistry, veterinary medicine or optometry (M.D., D.D.S., D.M.D., D.V.M., O.D.)
- ☐ Earned doctorate (e.g., Ph.D., D.Sc., D.Ed.)

Chart 1: (continued)

23. What was the major field of study of your highest degree, certificate or diploma (excluding secondary or high school graduation certificates)? (See Guide)

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(For example, accounting, civil engineering, history, legal secretary, welding.)

If you have no degree, certificate or diploma or have a secondary (high) school graduation certificate only, mark below.

☐ ▶ Go to Question 24

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The 2B questions were, for more than 95% of respondents, answered in a self-enumeration format. If respondents had difficulty with the questionnaire they were instructed to consult the guide booklet that accompanied the questionnaire (Chart 2).

The major field of study question asked for the respondent to specify that field as it pertains to the respondent's highest degree, certificate or diploma, excluding the secondary school graduation certificate. The determination of the qualification was implicitly based on the hierarchy or ordering of qualifications in question 22. Thus if a respondent had more than one postsecondary qualification, then the one with the highest-numbered check-box would be the one for which major field of study would be reported.

Chart 2: Instructions for Question 23 from the 1986 Census Guide.

Question 23

Be as specific as possible in indicating a subfield of specialization within a broader discipline or area of training, especially in the case of graduate studies or other advanced training.

If you have earned more than one highest degree, certificate or diploma (e.g., two bachelor's degrees or two master's degrees), then indicate the major field of study for the one that was most recently conferred.

If you have specialized in more than one major field of study in your degree, certificate, or diploma, then indicate the one in which you experienced the greatest degree of specialization (e.g., the field in which you received the most number of courses or credits).

Also, as stated in the Guide instructions if the respondent had earned more than one degree, certificate or diploma at the same level, then they were instructed to report the field of study for the one most recently conferred. If the respondent had actually specialized in two or more different fields of study for the same qualification, then they were instructed to report the field of study in which the greatest degree of specialization was experienced (e.g., the field with the most number of credits). Notwithstanding these special instructions vis-à-vis multiple major fields of study, there was expected to be a number of dual majors to be reported. However, as it proved to be virtually impossible to code and to account for the large number of combinations, only a selected few dual major fields of study were retained on the data base. These multiple majors were restricted to the following cases: agricultural economics; economic geography; historical and political geography; physical geography; biochemistry (or biology and chemistry); biophysics (or biology and physics); physical chemistry; geophysics and geomorphology; astrophysics and astronomy; and chemical physics. Apart from these exceptions, all of the remaining fields of study reflect more or less singular domains or disciplines with fairly well established and defined contents and methodologies.

3. Definition

The formal definition of major field of study in the 1986 Census Reference Dictionary (99-101E) is shown in Chart 3.

Chart 3: Definition for Major Field of Study from the 1986 Census Dictionary.

SCHOOLING: MAJOR FIELD OF STUDY (MFS)

Refers to the predominant discipline or area of learning or training of a person's highest postsecondary degree, certificate or diploma. The major field of study classification structure consists of 10 broad or major categories - educational, recreational and counselling services; fine and applied arts; humanities and related fields; social sciences and related fields; commerce, management and business administration; agricultural and biological sciences/technologies; engineering and applied sciences; engineering and applied science technologies and trades; health professions, sciences and technologies; and mathematics and physical sciences. This structure is, in turn, subdivided into over 100 "minor" classification categories and over 450 "unit" groups. The final number of "unit" groups may be reduced depending on the counts observed.

Censuses: 1986 (1/5 sample), 1971 (1/3 sample) - vocational training and apprenticeship only.

Reported for: Population 15 years of age and over with a postsecondary degree, certificate or diploma, excluding institutional residents.

Responses: See Appendix F for the classification structure.

Remarks: The classification structure of the MFS variable can be used either independently or in conjunction with the SCHOOLING: HIGHEST DEGREE, CERTIFICATE OR DIPLOMA variable. When the latter is utilized with MFS, it should be noted that each of the postsecondary qualifications ranging from the trades certificate or diploma to earned doctorate display differing patterns or distributions. Therefore, varying disaggregations of MFS can be employed based primarily on the numerical representativeness of unit groups within each level of qualification.

When the medical degree level of qualification is cross-classified with MFS, it is advisable to use the separate variable DEGREE IN MEDICINE, DENTISTRY OR VETERINARY MEDICINE rather than the code value for HIGHEST DEGREE. The reason for this is that the former variable indicates a medical degree regardless of whether master's or earned doctorate were also held. This variable also shows persons with combined medical and earned doctorate degrees.

It should also be noted that the field of study concept entails the notion of subfield or specialization. Respondents were instructed in the guide which accompanied the questionnaire to be as specific as possible in indicating a subfield of specialization within a broader discipline or area of training, especially in the case of graduate studies or other advanced training. The degree to which respondents answered according to this criterion is reflected in the frequency of counts for the MFS "unit" groups. In general, higher degrees of specialization tend to be reported for master's medical and earned doctorate degrees.

Finally, it should be noted that the MFS data base can be linked to other comparable data bases. The 1971 Census vocational and apprenticeship training is one. Others include the 1973 Highly Qualified Manpower Survey, the 1975 and 1984 Postsecondary Student Surveys, the 1978 and 1984 National Graduates Surveys, the 1982 Current Population Profile, the International Standard Classification of Education, and the annual enrolment data for graduates classified according to the University Student Information System and the Community College Student Information System.

4. The MFS Classification Structure

The 1986 Census MFS classification structure was developed by the authors through the amalgamation and consolidation of seven related but differing classification schemes. Five of these originated from previous and ongoing Statistics Canada education data series, one originated from the Employment and Immigration Canada's (EIC) publication, *College and University Programs in Canada*, and the last was drawn from the 1975 International Standard Classification of Education (ISCED) developed by UNESCO. In the development of the present MFS classification system, we decided at the outset to have a single unified system, rather than to have different schemes for the various levels of educational qualifications. Not only did this simplify the procedure of developing a code book⁽⁹⁾, but it also proved to be the most effective means of systematically summarizing the mass of information related to education and training in general. The alternative approach of developing or adapting different schemes to the four basic qualification levels - trades, college or other non-university, university and medical - would have resulted in a cumbersome and overlapping network that would have created

editing complications for coders that could in turn have been very error-prone.

The resulting unified classification scheme has the one singular disadvantage in that it does not immediately appear to resemble any existing or standard educational classification. However, in point of fact the structure is actually parallel to both the USIS classification as well as the ISCED structure from which USIS is derived. The one advantage that the MFS classification has over other systems is that it reflects current educational programs reported or described by respondents on their own terms. The last point is quite important as there tends to be an institutional lag when dealing with administratively reported information (i.e., the terminology tends to reflect older or established as opposed to newly formed or developing fields of study).

The present classification system for major field of study is, therefore, a consolidation of previously existing systems and reflects a fairly current nomenclature. The seven related classification systems from which the MFS system is derived are:

- the 1971 Census Vocational Training and Apprenticeship data which related to over 1,500 entries and was in turn aggregated into 99 minor unit groups and 19 major groups;
- the 1973 Highly Qualified Manpower Survey (HQMS) which related to a post-censal sub-sample of 1971 university graduates and which contained 99 unit codes and 8 major groups;
- the Education, Culture and Tourism Division's (ECTD) University Student Information System (USIS) containing 143 unit codes and the same 8 major groups as the HQMS;
- the ECTD's Community College Student Information System (CCSIS) containing 345 unit codes and several intermediate levels of aggregation;
- the 1982 Labour Force Survey Supplement (August) Current Population Profile (CPP) which in contrast to the previous four data series is addressed to the full range of educational qualifications and does so within a single classification scheme, thus providing a precedent for the unitary MFS structure; the CPP, however, was administered as a small random Labour Force Survey sub-sample and was capable of sustaining only 15 unit (major-level) codes;
- the publication produced by the Employment Support Services Branch of EIC entitled College and University Programs in Canada which organizes its information according to an occupationally oriented pattern derived from the Standard Occupational Classification (SOC) and which identifies 168 unit groups and 23 major groups;
- the International Standard Classification of Education (ISCED) produced by UNESCO (United Nations Educational, Scientific and Cultural Organization) which is a complex multi-level scheme but which nonetheless is capable of being reduced and presented in a unitary form; educational field of study statistics from the Australian census have been organized under ISCED.

The overall structure of the 1986 Census MFS classification contains three systematic levels of aggregation, similar to the Standard Occupational Classification (SOC) and the Standard Industrial Classification (SIC). It does not, however, contain a four digit code structure as in the SOC or the SIC. Rather, the first two levels of aggregation are represented as nominal categories and the third level contains a three-digit numerical code that corresponds to the original data capture codes. A three-digit sequential and numerical (001-485) coding operation was applied to the MFS question. It was the least number of digits required thus making the data capture more efficient and less prone to coding error. After the data were captured, edited and weighted, preliminary analysis revealed that a number of fields of study had very low frequencies. In order to ensure that the final data base would contain MFS data that would meet normal Statistics Canada's reliability and confidentiality requirements, the MFS codes with frequencies that fell below a minimal cut-off point of 250 persons (weighted at the Canada level) were collapsed into contiguous or related fields. The cut-off point was methodologically selected on the basis of analysis of the standard error for cell sizes less than 250 (disaggregated by sex and province) as well as a comparison for procedures used for other census data such as occupation and income. This procedure resulted in a reduction of 52 fields of study. Users interested in which fields were reduced can compare the present MFS classification with that of the MFS code classification structure published in the 1986 Census Reference Dictionary (99-101E).

As stated previously, the MFS like the SOC and the SIC has three main levels of aggregation (although of course many other forms of aggregation are possible). At the highest or most generic level there are ten broad or major categories:

- 1 - Educational, Recreational and Counselling Services
- 2 - Fine and Applied Arts
- 3 - Humanities and Related Fields
- 4 - Social Sciences and Related Fields
- 5 - Commerce, Management and Business Administration
- 6 - Agricultural and Biological Sciences/Technologies
- 7 - Engineering and Applied Sciences
- 8 - Engineering and Applied Science Technologies and Trades
- 9 - Health Professions, Sciences and Technologies
- 10 - Mathematics and Physical Sciences

Users familiar with the HQMS, USIS or ISCED classification systems will note the general similarity with this classification. The main difference in the MFS classification is the addition of two broad generic categories - Commerce, Management and Business Administration (which was previously situated in the Social Sciences and related group in the HQMS/USIS/ISCED systems); and Engineering and Applied Science Technologies and Trades which was originally a part of the Engineering and Applied Sciences group. The main rationale for the addition of these two generic groups is first of all their distinctiveness vis-à-vis the other generic groups and secondly the empirical fact of the vast proliferation of programs and courses in these two areas in Canadian postsecondary institutions over the past ten to fifteen years. The Applied Science Technologies and Trades group represents the largest single generic aggregate accounting for 24% of major fields of study of persons with postsecondary qualifications. The second largest group is the Commerce, Management and Business Administration group at 23%. Together, these two groups represent 46%, or almost half, of all postsecondary graduates.

At the second or intermediate level of aggregation there are 110 "minor" groups, each of which are subsumed or "nested" under one of the ten generic or broad groups. These minor groups refer to more specifically defined sub-groups which, in turn, are for the most part subject to further differentiation. A schematic overview of the relationship between the first two levels of aggregation is shown in Chart 4. In terms of actual data utilization, it is expected that much of the analysis of the MFS data will take place at the generic and the intermediate minor group levels. This would especially apply to analyses of the MFS data in conjunction with some or all of the following census socio-economic variables.

- sex and MFS
- age groups and MFS
- occupation, industry, labour force activity, income and MFS
- geography and MFS
- mobility and MFS
- cultural factors (language, ethnicity and immigration) and MFS
- disability and MFS

Chart 4: Schematic Overview of the Broad Generic Level and Minor Group Classification Level of Major Field of Study

EDUCATIONAL, RECREATIONAL AND COUNSELLING SERVICES (001-046)	
Education - General	(001)
Elementary - Primary Education	(002-004)
Secondary Education (Basic)	(005-012)
Secondary Education (Specialized)	(013-019)
Special Education	(021-026)
Non-teaching Educational Fields	(027-032)
Physical Education, Health and Recreation	(033-039)
Counselling Services and Personal Development	(040-044)
Other Education	(045-046)
FINE AND APPLIED ARTS (047-079)	
Fine Arts	(047-052)
Music	(053-057)
Other Performing Arts	(058-061)
Commercial and Promotional Arts	(062-064)
Graphic and Audio-visual Arts	(065-070)
Creative and Design Arts	(071-073)
Other Applied Arts	(074-079)
HUMANITIES AND RELATED FIELDS (080-124)	
Classics, Classical and Dead Languages	(080-082)
History	(083-087)
Library and Records Science	(088-089)
Mass Media Studies	(090-093)
English Language and Literature	(094-098)
French Language and Literature	(099-102)
Other Languages and Literature	(103-109)
Philosophy	(110-114)
Religious Studies	(115-119)
Other Humanities and Related Fields	(120-124)
SOCIAL SCIENCES AND RELATED FIELDS (125-187)	
Anthropology	(125-129)
Archaeology	(130)
Area Studies (Non Languages or Literature)	(131-137)
Economics	(138-143)
Geography	(144-152)
Law and Jurisprudence	(153-157)
Man/Environment Studies	(158-161)
Political Science	(162-166)
Psychology	(167-171)
Sociology	(172-177)
Social Work and Social Services	(178-184)
War and Military Studies	(185)
Other Social Sciences and Related Fields	(186-187)
COMMERCE, MANAGEMENT AND BUSINESS ADMINISTRATION (188-220)	
Business and Commerce	(188-191)
Financial Management	(192-195)
Industrial Management and Administration	(196-200)
Institutional Management and Administration	(201-205)
Marketing, Merchandising, Retailing and Sales	(206-210)
Secretarial Science - General Fields	(211-220)
AGRICULTURAL AND BIOLOGICAL SCIENCES/TECHNOLOGIES (221-266)	
Agricultural Science	(221-229)
Agricultural Technology	(230-233)
Animal Science Technologies	(234-238)
Biochemistry	(239)
Biology	(240-244)
Biophysics	(245)
Botany	(246-248)
Household Science and Related Fields	(249-254)
Veterinary Medicine/Science	(255-256)
Zoology	(257-262)
Other Agricultural and Biological Sciences/Technologies	(263-266)

ENGINEERING AND APPLIED SCIENCES (267-301)

Architecture and Architectural Engineering	(267-269)
Aeronautical and Aerospace Engineering	(270)
Biological and Chemical Engineering	(272-273)
Civil Engineering	(274)
Design/Systems Engineering	(275)
Electrical/Electronic Engineering	(276-278)
Industrial Engineering	(279)
Mechanical Engineering	(280-282)
Mining, Metallurgical and Petroleum Engineering	(283-286)
Resources and Environmental Engineering	(287-289)
Engineering Science	(291-292)
Engineering, n.e.c.	(293)
Forestry	(294-298)
Landscape Architecture	(299-301)

ENGINEERING AND APPLIED SCIENCE TECHNOLOGIES AND TRADES (302-369)

Architectural Technology	(302-303)
Chemical Technology	(304-307)
Building Technologies	(308-317)
Data Processing and Computer Science Technologies	(318-321)
Electronic and Electrical Technologies	(322-327)
Environmental and Conservation Technologies	(328-332)
General and Civil Engineering Technologies	(333-339)
Industrial Engineering Technologies	(340-348)
Mechanical Engineering Technologies	(349-358)
Primary Industries/Resource Processing Technology	(359-362)
Transportation Technologies	(363-368)
Other Engineering/Applied Science Technologies, n.e.c.	(369)

HEALTH PROFESSIONS, SCIENCES AND TECHNOLOGIES (370-441)

Dentistry	(370)
Medicine - General	(375)
Medicine - Basic Medical Science	(376-383)
Medical Specializations (Non-surgical)	(384-388)
Paraclinical Sciences	(390-393)
Surgery and Surgical Specializations	(394-398)
Nursing	(399-406)
Nursing Assistance	(407-410)
Optometry	(411)
Pharmacy and Pharmaceutical Sciences	(412-413)
Public Health	(414-418)
Rehabilitation Medicine	(421-424)
Medical Laboratory and Diagnostic Technology	(425-429)
Medical Treatment Technologies	(431-439)
Medical Equipment and Prosthetics	(440)
Other Health Professions, Sciences and Technologies, n.e.c.	(441)

MATHEMATICS AND PHYSICAL SCIENCES (442-480)

Actuarial Science	(442)
Applied Mathematics	(443-447)
Chemistry	(448-454)
Geology and Related Fields	(455-462)
Mathematical Statistics	(463)
Mathematics	(464)
Metallurgy and Materials Science	(465)
Meteorology	(466)
Oceanography and Marine Sciences	(467)
Physics	(471-478)
General Science	(479-480)

ALL OTHER N.E.C. (481)

All Other n.e.c.	(481)
------------------	-------

NO SPECIALIZATION (482)

No Specialization	(482)
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NO POSTSECONDARY QUALIFICATION (485)

No Postsecondary Qualification	(485)
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Finally, at the third or most detailed level of aggregation, there are 428 unit groups arranged within the minor group categories. Their order within the minor groups is for the most part alphabetical (in English only). These unit groups represent the most specific delineation of major fields of study and can in general be regarded as subfields or specializations. The MFS data at the unit level should be approached with a slight degree of caution. Although persons reporting specific (as opposed to generic) fields are counted or enumerated as such, it is not known whether all respondents who actually did indeed specialize in a subfield reported themselves. As such, for example, although there is a tendency for the more specialized fields to be reported by persons at graduate degree levels (e.g., masters and earned doctorates), it is also true that some persons with graduate degrees reported their fields of study at higher or more generic levels of fields of study. The unit groups, then, can be analyzed as sub-groups in their own right, or they can be used as building blocks to create higher levels of aggregation such as at the minor or generic levels.

5. The MFS Classification and Its Relationship to the Highest Degree, Certificate or Diploma Variable

Each of the unit field of study groups in the MFS classification structure has a specific relationship to the highest degree, certificate or diploma variable. There are four specific ways in which a given MFS unit group can relate to a given type of postsecondary qualification.

- (i) The first possibility is that a given unit field of study can be represented by all postsecondary qualifications;
- (ii) The second possibility is that a given unit field of study can be represented only by trades or other non-university (college) certificates or diplomas;
- (iii) the third possibility is that a given unit field of study can be represented at the other non-university (college) certificate or diploma level as well as at the level of university certificates, diplomas or degrees;
- (iv) the fourth and final possibility is that a given unit field of study can only be represented at the level of university certificates, diplomas or degrees.

These relationships between MFS and the highest degree certificate and diploma variable were defined and established for the purposes of conducting consistency edits between these two sets of data. These relationships are indicated as follows on Chart 5 which reflects the final 1986 Census retrieval data base classification for MFS.

```
HIGHEST DEGREE: - All (All postsecondary) . . . . ALL UCT
                  - Trade-College . . . . . TRADE COLL
                  - College-University . . . . . COLL UNIV
                  - University only . . . . . UNIV_ONLY
```

The complete final MFS classification structure is shown in the following Chart 5.

Chart 5: Major Field of Study - Final Classification Structure

EDUCATIONAL, RECREATIONAL AND COUNSELLING SERVICES (001-046)			
001	Education - General Education - General	COLL_UNIV	(001)
002	Elementary - Primary Education		(002-004)
003	Elementary School Teaching - General	COLL_UNIV	
004	Elementary School Teaching - Specialized Pre-school, Kindergarten and Early Childhood Education	COLL_UNIV	
005	Secondary Education (Basic)		(005-012)
006	Secondary School Teaching	COLL_UNIV	
007	English Language Teaching	COLL_UNIV	
008	French Language Teaching	COLL_UNIV	
009	Other Language Teaching ¹	COLL_UNIV	
010	Mathematics - Science Teaching ¹	COLL_UNIV	
011	Social Studies Teaching	COLL_UNIV	
012	Secondary Basic Curriculum - Other ²	COLL_UNIV	
013	Secondary Education (Specialized)		(013-019)
014	Adult/Continuing Education	COLL_UNIV	
015	Art and Fine Art Education	COLL_UNIV	
016	Commercial/Business Education	COLL_UNIV	
017	Family/Life Education	COLL_UNIV	
018	Industrial/Vocational Education	COLL_UNIV	
019	Music Education	COLL_UNIV	
020	Religious Education	COLL_UNIV	
021	Special Education		(021-026)
022	Special Education Teaching	COLL_UNIV	
023	Highly Gifted or Exceptional Children	COLL_UNIV	
024	Special Education - Other ³	COLL_UNIV	
025	Non-teaching Educational Fields		(027-032)
027	Audio-visual Educational Media	ALL_UCT	
028	Educational Administration and Organization	COLL_UNIV	
029	Educational Psychology	COLL_UNIV	
030	Educational Statistics and Sociology	COLL_UNIV	
031	History, Philosophy and Theory of Education	COLL_UNIV	
032	Paraprofessional Teacher Aide/Educational Support	TRADE_COLL	
033	Physical Education, Health and Recreation		(033-039)
034	Physical Education and Health	COLL_UNIV	
035	Kinesiology and Kinanthropology	COLL_UNIV	
036	Recreation, Recreation and Leisure Services	COLL_UNIV	
037	Parks/Forest/Wildlife Recreation	COLL_UNIV	
038	Travel and Tourism	TRADE_COLL	
039	Sports Technology	ALL_UCT	
040	Physical Education, Health and Recreation - Other	ALL_UCT	
041	Counselling Services and Personal Development		(040-044)
042	Counselling Services - General	COLL_UNIV	
043	Counselling Psychology	COLL_UNIV	
044	Marriage/Family/Life Skills Counselling	COLL_UNIV	
045	Vocational Guidance and Counselling	ALL_UCT	
046	Counselling Services and Personal Development - Other	ALL_UCT	
047	Other Education		(045-046)
048	Education, n.e.c. - Other	ALL_UCT	
049	Postsecondary Teacher Training	COLL_UNIV	

¹ Includes Computer Science Teaching.

² Includes Secondary School Specialities - Other.

³ Includes Multicultural Education (Native, Other) and Remedial Reading.

FINE AND APPLIED ARTS (047-079)

Fine Arts			(047-052)
047	Fine Arts - General	COLL_UNIV	
048	Aesthetics and Art Appreciation, Art Studies	COLL_UNIV	
049	Art History	COLL_UNIV	
050	Painting and Drawing	ALL_UCT	
051	Pottery and Ceramics	ALL_UCT	
052	Sculpture	ALL_UCT	
Music			(053-057)
053	Music, Musicology	ALL_UCT	
054	Composition and Conducting	COLL_UNIV	
055	Musical Instruments	ALL_UCT	
056	Music History and Music Theory	COLL_UNIV	
057	Vocal Music, Singing, Opera	ALL_UCT	
Other Performing Arts			(058-061)
058	Performing Arts - General	ALL_UCT	
059	Dance	COLL_UNIV	
060	Drama	COLL_UNIV	
061	Theatre	COLL_UNIV	
Commercial and Promotional Arts			(062-064)
062	Commercial Art/Promotional Art - General	TRADE_COLL	
063	Advertising Art	TRADE_COLL	
064	Modelling	TRADE_COLL	
Graphic and Audio-visual Arts			(065-070)
065	Graphic Art and Design	ALL_UCT	
066	Lithography and Print Making	TRADE_COLL	
067	Photography	TRADE_COLL	
069	Printing and Publishing	TRADE_COLL	
070	Audio-visual Arts ⁴	ALL_UCT	
Creative and Design Arts			(071-073)
071	Creative and Design Arts - General	ALL_UCT	
072	Handicrafts (Arts and Crafts)	TRADE_COLL	
073	Interior Design and Decorating	ALL_UCT	
Other Applied Arts			(074-079)
074	Applied Arts - General	TRADE_COLL	
075	Barbering	TRADE_COLL	
076	Beauty Culture and Cosmetology	TRADE_COLL	
077	Hairdressing	TRADE_COLL	
078	Upholstery and Furniture	TRADE_COLL	
079	Applied Arts - Repair and Renovation	TRADE_COLL	

HUMANITIES AND RELATED FIELDS (080-124)

Classics, Classical and Dead Languages			(080-082)
080	Classics, Classical Studies	COLL_UNIV	
081	Ancient Greek, Latin and Roman	COLL_UNIV	
082	Classical Languages - Other	COLL_UNIV	
History			(083-087)
083	History - General	COLL_UNIV	
084	Canadian History	COLL_UNIV	
085	Medieval and Ancient History	COLL_UNIV	
087	History - Other ⁵	COLL_UNIV	
Library and Records Science			(088-089)
088	Library/Documentation Science	ALL_UCT	
089	Museology, Museum Technology	ALL_UCT	

⁴ Includes Recorded Music Arts.⁵ Includes Modern History.

Mass Media Studies			(090-093)
090	Mass Media Studies - General	COLL_UNIV	
091	Cinematography, Film Studies	COLL_UNIV	
092	Radio-television	COLL_UNIV	
093	Journalism, News Reporting	ALL_UCT	
English Language and Literature			(094-098)
094	English Language and Literature - General	COLL_UNIV	
098	English Language and Literature - Specialized ⁶	COLL_UNIV	
French Language and Literature			(099-102)
099	French Language and Literature - General	COLL_UNIV	
102	French Language and Literature - Specialized ⁷	COLL_UNIV	
Other Languages and Literature			(103-109)
103	Comparative Literature	COLL_UNIV	
104	Asian Languages and Literature	COLL_UNIV	
105	Germanic Language and Literature	COLL_UNIV	
106	Italian Language and Literature	COLL_UNIV	
107	Slavic or East European Languages and Literature	COLL_UNIV	
108	Linguistics	COLL_UNIV	
109	Languages and Literature - Other	COLL_UNIV	
Philosophy			(110-114)
110	Philosophy - General	COLL_UNIV	
113	Political Philosophy	COLL_UNIV	
114	Philosophy - Specialized ⁸	COLL_UNIV	
Religious Studies			(115-119)
115	Religion, Religious Studies	COLL_UNIV	
116	Comparative Religion	COLL_UNIV	
117	Divinity	COLL_UNIV	
118	Theology	COLL_UNIV	
119	Religious Studies - Other	COLL_UNIV	
Other Humanities and Related Fields			(120-124)
120	Humanities - General (General Arts)	COLL_UNIV	
121	Second Language Training	ALL_UCT	
122	Translation and Interpretation	COLL_UNIV	
123	Creative Writing	COLL_UNIV	
124	Humanities and Related Fields, n.e.c. - Other	ALL_UCT	
SOCIAL SCIENCES AND RELATED FIELDS (125-187)			
Anthropology			(125-129)
125	Anthropology - General	COLL_UNIV	
128	Social and Cultural Anthropology	COLL_UNIV	
129	Anthropology - Specialized ⁹	COLL_UNIV	
Archeology			(130)
130	Archeology	COLL_UNIV	
Area Studies (Non Languages or Literature)			(131-137)
131	Asian Studies	COLL_UNIV	
132	Canadian Studies	COLL_UNIV	
136	Germanic, Slavic and East European Studies	COLL_UNIV	
137	Area Studies - Other ¹⁰	COLL_UNIV	
Economics			(138-143)
138	Economics - General	COLL_UNIV	
139	Agricultural Economics	COLL_UNIV	
143	Economics - Other ¹¹	COLL_UNIV	

⁶ Includes American, British and Canadian (English) Literature.

⁷ Includes French Canadian and European French Literature.

⁸ Includes Ethical and Modern Philosophy.

⁹ Includes Ethnology and Related Fields, Physical Anthropology and Anthropometry.

¹⁰ Includes Latin American, Caribbean, Near and Middle Eastern Studies.

¹¹ Includes Econometrics, International Economics, and Labour/Human Resources Economics.

Geography			(144-152)
144	Geography - General	COLL_UNIV	
145	Cartography	ALL_UCT	
146	Economic Geography	COLL_UNIV	
147	Historical and Political Geography	COLL_UNIV	
149	Natural Resources Geography	COLL_UNIV	
150	Physical Geography	COLL_UNIV	
151	Urban/Rural Geography	COLL_UNIV	
152	Geography - Other ¹²	COLL_UNIV	
Law and Jurisprudence			(153-157)
153	Law and Jurisprudence - General	COLL_UNIV	
154	Civil, Criminal, Family, Common Law	COLL_UNIV	
155	Commercial/Business, Company Law	COLL_UNIV	
156	Constitutional/International Law	COLL_UNIV	
157	Law - Other	COLL_UNIV	
Man/Environment Studies			(158-161)
158	Man/Environment Studies - General	COLL_UNIV	
159	Human Ecology	COLL_UNIV	
160	Resource Planning and Management	COLL_UNIV	
161	Urban, Rural, Regional Planning and Development	COLL_UNIV	
Political Science			(162-166)
162	Political Science - General	COLL_UNIV	
165	International Relations, Foreign Policy	COLL_UNIV	
166	Political Science - Specialized ¹³	COLL_UNIV	
Psychology			(167-171)
167	Psychology - General	COLL_UNIV	
168	Child, Adolescent, Developmental Psychology	COLL_UNIV	
169	Clinical Psychology	COLL_UNIV	
170	Social Psychology	COLL_UNIV	
171	Psychology - Other	COLL_UNIV	
Sociology			(172-177)
172	Sociology - General	COLL_UNIV	
173	Criminology, Penology, Deviance	COLL_UNIV	
176	Family Sociology	COLL_UNIV	
177	Sociology - Other ¹⁴	COLL_UNIV	
Social Work and Social Services			(178-184)
178	Social Work/Welfare - General	COLL_UNIV	
179	Child Care Services, Youth Services	ALL_UCT	
180	Correctional Technologies	TRADE COLL	
181	Gerontology, Applied	ALL_UCT	
182	Police and Para-legal Technologies	TRADE COLL	
183	Protection Services	TRADE COLL	
184	Social Services and Welfare Technologies - Other	ALL_UCT	
War and Military Studies			(185)
185	War and Military Studies	COLL_UNIV	
Other Social Sciences and Related Fields			(186-187)
186	Social Sciences - General	COLL_UNIV	
187	Social Sciences and Related, n.e.c. - Other	ALL_UCT	
COMMERCE, MANAGEMENT AND BUSINESS ADMINISTRATION (188-220)			
Business and Commerce			(188-191)
188	Business and Commerce - General	COLL_UNIV	
189	Business Administration	COLL_UNIV	
190	International Business and Commerce	COLL_UNIV	
191	Business and Commerce - Other	ALL_UCT	

¹² Includes Human Geography.

¹³ Includes Canadian and Comparative Politics.

¹⁴ Includes Demography, Population Studies and Ethnic Sociology.

Financial Management			(192-195)
192	Financial Management - General	COLL_UNIV	
193	Accounting and Auditing	COLL_UNIV	
194	Assessment and Appraisal	COLL_UNIV	
195	Financial Management - Other	ALL_UCT	
Industrial Management and Administration			(196-200)
196	Industrial Management and Relations	ALL_UCT	
197	Labour Management and Relations	ALL_UCT	
198	Public Administration	COLL_UNIV	
199	Personnel/Human Resources Management	COLL_UNIV	
200	Industrial Management and Administration - Other	ALL_UCT	
Institutional Management and Administration			(201-205)
201	Health Care and Services Management	COLL_UNIV	
202	Hotel and Food Administration	ALL_UCT	
203	Funeral Directing and Embalming	ALL_UCT	
204	Tourism and Resort Management	ALL_UCT	
205	Institutional Management - Other	ALL_UCT	
Marketing, Merchandising, Retailing and Sales			(206-210)
206	Customer/Public Relations	ALL_UCT	
207	Marketing	COLL_UNIV	
208	Merchandising	ALL_UCT	
209	Retailing and Sales	ALL_UCT	
210	Marketing and Sales - Other	ALL_UCT	
Secretarial Science - General Fields			(211-220)
211	Secretarial Science - General	ALL_UCT	
212	Bank and Financial Clerk	TRADE_COLL	
213	Business Machine Operations	TRADE_COLL	
214	Court Reporting and Recording	ALL_UCT	
215	Health/Medical Records Technology	ALL_UCT	
216	Legal Secretary	ALL_UCT	
217	Medical Secretary	ALL_UCT	
218	Office Accounting/Bookkeeping	TRADE_COLL	
219	Word Processing	TRADE_COLL	
220	Secretarial/Clerical - Other	TRADE_COLL	
AGRICULTURAL AND BIOLOGICAL SCIENCES/TECHNOLOGIES (221-266)			
Agricultural Science			(221-229)
221	Agricultural Science	COLL_UNIV	
222	Animal Science - General	COLL_UNIV	
223	Crop Science, Crops, Crop Farming	COLL_UNIV	
224	Food Science	COLL_UNIV	
225	Horticulture	COLL_UNIV	
226	Plant Science - General	COLL_UNIV	
228	Soil Science	COLL_UNIV	
229	Agricultural Science - Other ¹⁵	COLL_UNIV	
Agricultural Technology			(230-233)
230	Agricultural Technology	TRADE_COLL	
231	Agricultural Business	ALL_UCT	
232	General Farming Technology	TRADE_COLL	
233	Agricultural Technology - Other	TRADE_COLL	
Animal Science Technologies			(234-238)
234	Animal Science/Health Technology	TRADE_COLL	
235	Cattle/Swine Technology	TRADE_COLL	
236	Equine Studies/Horse Husbandry	TRADE_COLL	
237	Veterinary Technologies/Animal Health and Care	TRADE_COLL	
238	Animal Science Technologies - Other	TRADE_COLL	
Biochemistry			(239)
239	Biochemistry	COLL_UNIV	

¹⁵ Includes Poultry Science.

Biology			(240-244)
240	Biology - General	COLL_UNIV	
241	Genetic and Developmental Biology	UNIV_ONLY	
242	Microbiology	COLL_UNIV	
243	Molecular Biology	UNIV_ONLY	
244	Biology - Other	COLL_UNIV	
Biophysics			(245)
245	Biophysics	UNIV_ONLY	
Botany			(246-248)
246	Botany - General	ALL_UCT	
247	Botany - Other	COLL_UNIV	
248	Plant Sciences - Specialized	COLL_UNIV	
Household Science and Related Fields			(249-254)
249	Household and Domestic Science	ALL_UCT	
250	Consumer Studies	ALL_UCT	
251	Clothing and Textiles	TRADE_COLL	
252	Food Nutrition, Dietetics and Dietary Technology	ALL_UCT	
253	Food Services and Preparation	TRADE_UCT	
254	Home Economics	ALL_UCT	
Veterinary Medicine/Science			(255-256)
255	Veterinary Medicine	COLL_UNIV	
256	Veterinary Science	COLL_UNIV	
Zoology			(257-262)
257	Zoology - General	COLL_UNIV	
258	Animal Anatomy, Ecology, Genetics or Histology	COLL_UNIV	
259	Entomology	COLL_UNIV	
260	Fisheries Biology	COLL_UNIV	
261	Marine/Ocean Biology	COLL_UNIV	
262	Zoology - Other	COLL_UNIV	
Other Agricultural and Biological Sciences/Technologies			(263-266)
263	Fish Farming, Fish Technologies and Processing	TRADE_COLL	
264	Food Processing Technologies - General	TRADE_COLL	
265	Hunting and Trapping	TRADE_COLL	
266	Agricultural and Biological Sciences/Technologies - Other	ALL_UCT	

ENGINEERING AND APPLIED SCIENCES (267-301)

Architecture and Architectural Engineering			(267-269)
267	Architecture - General	COLL_UNIV	
268	Architectural Engineering Design	COLL_UNIV	
269	Architecture - Other	COLL_UNIV	
Aeronautical and Aerospace Engineering			(270)
270	Aeronautical and Aerospace Engineering	COLL_UNIV	
Biological and Chemical Engineering			(272-273)
272	Biomedical, Biological or Clinical Engineering	COLL_UNIV	
273	Chemical Engineering	COLL_UNIV	
Civil Engineering			(274)
274	Civil Engineering	COLL_UNIV	
Design/Systems Engineering			(275)
275	Design/Systems Engineering	COLL_UNIV	
Electrical/Electronic Engineering			(276-278)
276	Computer Engineering	COLL_UNIV	
277	Electrical/Electronic Engineering	COLL_UNIV	
278	Music and Recording Engineering	COLL_UNIV	
Industrial Engineering			(279)
279	Industrial/Manufacturing Engineering	COLL_UNIV	

Mechanical Engineering			(280-282)
280	Mechanical Engineering - General ¹⁶	COLL_UNIV	
282	Power Engineering	COLL_UNIV	
Mining, Metallurgical and Petroleum Engineering			(283-286)
283	Geological Engineering	COLL_UNIV	
284	Metallurgical Engineering	COLL_UNIV	
285	Mining Engineering	COLL_UNIV	
286	Petroleum Engineering	COLL_UNIV	
Resources and Environmental Engineering			(287-289)
287	Agricultural Engineering	COLL_UNIV	
288	Environmental/Resource Engineering ¹⁷	COLL_UNIV	
289	Fisheries, Marine, Ocean Engineering	COLL_UNIV	
Engineering Science			(291-292)
291	Engineering Science	UNIV_ONLY	
292	Engineering Physics	UNIV_ONLY	
Engineering, n.e.c.			(293)
293	Engineering, n.e.c.	COLL_UNIV	
Forestry			(294-298)
294	Forestry	COLL_UNIV	
295	Forest Harvesting, Management, Protection	COLL_UNIV	
296	Forest Wildlife Management	COLL_UNIV	
298	Forestry - Other ¹⁸	COLL_UNIV	
Landscape Architecture			(299-301)
299	Landscape Architecture	COLL_UNIV	
300	Garden Design	ALL_UCT	
301	Landscape Technology	TRADE_COLL	
ENGINEERING AND APPLIED SCIENCE TECHNOLOGIES AND TRADES (302-369)			
Architectural Technology			(302-303)
302	Architectural Technology	TRADE_COLL	
303	Architectural Drafting	TRADE_COLL	
Chemical Technology			(304-307)
304	Chemical Technology	TRADE_COLL	
305	Biochemical Technology	TRADE_COLL	
306	Plastics, Fibreglass and Rubber Technology	TRADE_COLL	
307	Textile Processing Technology (Dyes)	TRADE_COLL	
Building Technologies			(308-317)
308	Boat, Shipbuilding and Naval Architecture	ALL_UCT	
309	Building Technology	TRADE_COLL	
310	Construction Electrician	TRADE_COLL	
311	Drywall, Plastering, Lathing	TRADE_COLL	
312	Heat and Insulation	TRADE_COLL	
313	Interior Finishing	TRADE_COLL	
314	Masonry (Brick, Stone, Concrete)	TRADE_COLL	
315	Plumbing and Pipe Trades	TRADE_COLL	
316	Welding Technology	TRADE_COLL	
317	Woodworking, Carpentry	TRADE_COLL	
Data Processing and Computer Science Technologies			(318-321)
318	Data Processing - General	TRADE_COLL	
319	Computer Science Technology	TRADE_COLL	
320	Computer Programming and Software	TRADE_COLL	
321	Microcomputer and Information Systems	TRADE_COLL	

¹⁶ Includes Instrumentation Engineering.

¹⁷ Includes Water Resources and Watershed Engineering.

¹⁸ Includes Silviculture.

	Electronic and Electrical Technologies		(322-327)
322	Electronic Technology	TRADE_COLL	
323	Electrical Technology	TRADE_COLL	
324	Microwave and Radar Technology	ALL_UCT	
325	Radio and Television	TRADE_COLL	
326	Telecommunications Technology	ALL_UCT	
327	Electronic and Electrical Technologies - Other	TRADE_COLL	
	Environmental and Conservation Technologies		(328-332)
328	Environmental Technology - General	TRADE_COLL	
329	Earth Resources Technology	TRADE_COLL	
330	Forest Conservation Technology	TRADE_COLL	
331	Renewable Resources Technology	TRADE_COLL	
332	Wildlife and Fisheries Conservation	TRADE_COLL	
	General and Civil Engineering Technologies		(333-339)
333	Civil Engineering Technologies - General	TRADE_COLL	
334	Construction Technologies	TRADE_COLL	
335	Drafting - General	TRADE_COLL	
336	Drafting - Specialized	TRADE_COLL	
337	Engineering Design and Instrumentation Technology	TRADE_COLL	
338	Piping Technologies (Non-plumbing)	TRADE_COLL	
339	Surveying and Photogrammetric Technology	TRADE_COLL	
	Industrial Engineering Technologies		(340-348)
340	Industrial Engineering Technology - General	TRADE_COLL	
341	Air Conditioning and Refrigeration	ALL_UCT	
342	Clothing/Fabric Product Manufacturing	TRADE_COLL	
343	Machinist/Machine Shop	TRADE_COLL	
344	Pattern Making	TRADE_COLL	
345	Power Sewing	TRADE_COLL	
346	Sheet Metal	TRADE_COLL	
347	Tool and Die	TRADE_COLL	
348	Industrial Technologies - Other	ALL_UCT	
	Mechanical Engineering Technologies		(349-358)
349	Mechanical Engineering Technology - General	TRADE_COLL	
350	Aeronautical Engineering Technology	TRADE_COLL	
351	Agricultural Equipment Mechanics	TRADE_COLL	
352	Aircraft and Flight Mechanics Technology	TRADE_COLL	
353	Automobile Mechanics Technology	TRADE_COLL	
354	Heavy Equipment Mechanics	TRADE_COLL	
355	Marine Mechanics Engineering	TRADE_COLL	
356	Office/Business Machine Technology	TRADE_COLL	
357	Small Engine Repairs	TRADE_COLL	
358	Power/Stationary Engineering Technology	TRADE_COLL	
	Primary Industries/Resource Processing Technology		(359-362)
359	Forest Products Technology	TRADE_COLL	
360	Mining and Metal Processing	TRADE_COLL	
361	Petroleum Technologies	TRADE_COLL	
362	Primary Industries/Resource Processing Technologies - Other	TRADE_COLL	
	Transportation Technologies		(363-368)
363	Transportation Technology - General	TRADE_COLL	
364	Air Transportation Technology	TRADE_COLL	
365	Marine Transportation Technology	TRADE_COLL	
366	Motor - Commercial/Public Vehicle Transportation	TRADE_COLL	
367	Motor - Other Motor Transportation	TRADE_COLL	
368	Rail Transportation Technology	TRADE_COLL	
	Other Engineering/Applied Science Technologies, n.e.c.		(369)
369	Engineering/Applied Science Technologies, n.e.c. - Other	ALL_UCT	

HEALTH PROFESSIONS, SCIENCES AND TECHNOLOGIES (370-441)

Dentistry			(370)
370	Dentistry or Dental Medicine ¹⁹	UNIV_ONLY	
Medicine - General			(375)
375	General Practice Medicine	UNIV_ONLY	
Medicine - Basic Medical Science			(376-383)
376	Medical Anatomy	UNIV_ONLY	
377	Medical Biochemistry and Medical Biophysics	COLL_UNIV	
380	Medical Neurophysiology	UNIV_ONLY	
381	Medical Pharmacology	COLL_UNIV	
382	Medical Physiology	UNIV_ONLY	
383	Basic Medical Sciences - Other ²⁰	COLL_UNIV	
Medical Specializations (Non-surgical)			(384-388)
384	Neurology	UNIV_ONLY	
385	Paediatrics	UNIV_ONLY	
386	Psychiatry	UNIV_ONLY	
387	Radiology	COLL_UNIV	
388	Medical Specializations (Non-surgical) - Other	COLL_UNIV	
Paraclinical Sciences			(390-393)
390	Medical Immunology	UNIV_ONLY	
391	Medical Microbiology	UNIV_ONLY	
392	Medical Pathology	UNIV_ONLY	
393	Medical Parasitology, Virology and Bacteriology and Other Paraclinical Sciences	UNIV_ONLY	
Surgery and Surgical Specializations			(394-398)
394	Surgery - General	UNIV_ONLY	
395	Obstetrics and Gynaecology	UNIV_ONLY	
396	Orthopaedic Surgery	UNIV_ONLY	
398	Surgical Specialties - Other ²¹	UNIV_ONLY	
Nursing			(399-406)
399	Nursing - General	COLL_UNIV	
402	Medical, Surgical, Hospital Nursing	COLL_UNIV	
403	Obstetric Nursing	COLL_UNIV	
404	Psychiatric Nursing and Mental Health Care	COLL_UNIV	
405	Public Health and Community Nursing	COLL_UNIV	
406	Nursing - Other ²²	COLL_UNIV	
Nursing Assistance			(407-410)
407	Nursing Assistant, Assistant Nursing	TRADE_COLL	
408	Health Care Aide/Support	TRADE_COLL	
409	Long Term Care Aide	TRADE_COLL	
410	Nursing Aide, Orderly	TRADE_COLL	
Optometry			(411)
411	Optometry	COLL_UNIV	
Pharmacy and Pharmaceutical Sciences			(412-413)
412	Pharmacy	COLL_UNIV	
413	Pharmaceutical Sciences/Technology	COLL_UNIV	
Public Health			(414-418)
414	Public Health ²³	ALL_UCT	
415	Community Medicine and Health	ALL_UCT	
416	Dental Public Health and Hygiene	COLL_UNIV	
417	Epidemiology and Biostatistics	COLL_UNIV	
418	Industrial Health, Medicine and Hygiene	ALL_UCT	

¹⁹ Includes Dental Science, Orthodontic, Paedodontics, etc.²⁰ Includes Medical Embryology/Genetics.²¹ Includes Plastic Surgery.²² Includes Critical Care and Geriatric Nursing.²³ Includes Preventive Medicine and Veterinary Public Health.

	Rehabilitation Medicine		(421-424)
421	Rehabilitation Medicine - General	COLL_UNIV	
422	Audiology and Speech Pathology and Therapy	COLL_UNIV	
423	Occupational and Physical Therapy	COLL_UNIV	
424	Physiotherapy	COLL_UNIV	
	Medical Laboratory and Diagnostic Technology		(425-429)
425	Medical Laboratory Technology	COLL_UNIV	
426	Biological Laboratory Technology	ALL_UCT	
427	Biomedical Electronic Technology	ALL_UCT	
428	Dental Laboratory Technology	ALL_UCT	
429	Radiological Technology	COLL_UNIV	
	Medical Treatment Technologies		(431-439)
431	Chiropractic Technology	COLL_UNIV	
432	Dental Assistant	TRADE_COLL	
433	Emergency Paramedical Technology	TRADE_COLL	
434	Mental Health and Retardation Technology	TRADE_COLL	
435	Respiratory Technology	TRADE_COLL	
436	Ultrasound and Ultrasonography	TRADE_COLL	
437	X-ray - Medical Technology/Radiography	TRADE_COLL	
438	X-ray - Radiotherapy/Nuclear Medicine	TRADE_COLL	
439	Medical Treatment Technologies - Other ²⁴	TRADE_COLL	
	Medical Equipment and Prosthetics		(440)
440	Medical Equipment and Prosthetics	ALL_UCT	
	Other Health Professions, Sciences and Technologies, n.e.c.		(441)
441	Health Professions, Sciences and Technologies, n.e.c. - Other	ALL_UCT	
MATHEMATICS AND PHYSICAL SCIENCES (442-480)			
	Actuarial Science		(442)
442	Actuarial Science	COLL_UNIV	
	Applied Mathematics		(443-447)
443	Applied Mathematics - General	COLL_UNIV	
444	Computer Science - General	COLL_UNIV	
445	Computer Science - Systems Design and Analysis	COLL_UNIV	
446	Operations Research	COLL_UNIV	
447	Applied Mathematics - Other	COLL_UNIV	
	Chemistry		(448-454)
448	Chemistry - General	COLL_UNIV	
449	Analytical Chemistry	COLL_UNIV	
451	Organic and Inorganic Chemistry	COLL_UNIV	
452	Physical Chemistry	COLL_UNIV	
454	Chemistry Specialties - Other ²⁵	COLL_UNIV	
	Geology and Related Fields		(455-462)
455	Geology, Geological and Earth Sciences	COLL_UNIV	
456	Geochemistry and Geochronology	COLL_UNIV	
457	Geophysics and Geomorphology	COLL_UNIV	
459	Mineral Geology	COLL_UNIV	
462	Geology and Related Fields, n.e.c. ²⁶	COLL_UNIV	
	Mathematical Statistics		(463)
463	Mathematical Statistics	UNIV_ONLY	
	Mathematics		(464)
464	Mathematics	COLL_UNIV	
	Metallurgy and Materials Science		(465)
465	Metallurgy and Materials Science	COLL_UNIV	

²⁴ Includes Cardio-pulmonary Resuscitation.

²⁵ Includes Spectroscopy.

²⁶ Includes Hydrogeology, Hydrology, Petrology, Petrography, Stratigraphy and Sedimentology.

466	Meteorology Meteorology	COLL_UNIV	(466)
467	Oceanography and Marine Sciences Oceanography and Marine Sciences ²⁷	COLL_UNIV	(467)
471	Physics Physics - General	COLL_UNIV	(471-478)
472	Astrophysics and Astronomy	UNIV_UNIV	
473	Atomic and Nuclear Physics	UNIV_ONLY	
474	Chemical Physics	UNIV_ONLY	
477	Theoretical and Mathematical Physics	COLL_UNIV	
478	Physics, n.e.c. - Other ²⁸	COLL_UNIV	
479	General Science General Science	COLL_UNIV	(479-480)
480	Science Lab Technology	TRADE_COLL	
ALL OTHER N.E.C. (481)			
481	All Other n.e.c.	ALL_UCT	(481)
NO SPECIALIZATION (482)			
482	No Specialization	ALL_UCT	(482)
NO POSTSECONDARY QUALIFICATION (485)			
485	No Postsecondary Qualification		(485)

²⁷ Includes Biological Oceanography, Fisheries Oceanography, and Marine Sciences, n.e.c. - Other.

²⁸ Includes High Energy, Particle and Solid State Physics.

TEXT NOTES

- ⁽¹⁾ Defined as including trades, other non-university and university degrees certificates or diplomas.
- ⁽²⁾ A question on full-time and part-time school attendance has normally been asked in almost all censuses prior to 1986. Alternative sources of current school attendance data are available in detailed annual enrolment figures published by the Education, Culture and Tourism Division, and in addition, the monthly labour force survey estimates of school attendance published on a monthly basis.
- ⁽³⁾ **The Major Field of Study Code Book (R-420)** containing over 8,000 English and 5,000 French entries, used in Head Office Processing to code over 1.25 million sample responses to the MFS question.

PART II



1. The Classified Index and Description of Major Fields of Study Unit Groups

The classified index is a listing of all of the reported write-in entries for the MFS question arranged or organized as sub-units or sub-elements within each unit major field of study. The classified index is derived from the alphabetical index (displayed in the second section) of Part II which in turn is a derivative of all of the listed entries in the MFS code books. The classified and the alphabetical indices presented in this User Guide update the material contained in the MFS code book (R-420) in two senses. First, it reduces or eliminates any entries that were not reported or observed in census questionnaires. And second it includes additional entries that were encountered in the referral operation which addressed unidentified entries and assigned them with pertinent MFS codes.

An added feature of the MFS classified index is that it contains brief descriptions of each unit major field of study, similar to those contained for occupation in the SOC and for industry in the SIC. These MFS descriptions are based on descriptions found in current calendars and brochures of universities, colleges, trade schools, business schools, institutes of technology and other postsecondary educational institutions. Much of the terminology and the phraseology were taken directly from the calendars; in most cases, several descriptions from various institutions were amalgamated to form a single description. It should be stressed that the main purpose of these descriptions is to indicate the substantive core of each field so that similar or like fields can be distinguished from one another. The descriptions are not intended to be definitions as such. For example, it is known that the content, methodology and substance of fields of study and training vary over time and across educational institutions. In brief, the present User Guide descriptions and classified index are meant to serve two purposes:

- (i) to provide users with a succinct, current and practical description of unit fields of study; and
- (ii) to indicate to users what actual empirical referents (or respondent-provided write-in information) were encountered in the answers to the 1986 Census question on major field of study.

Finally, it should be noted that the descriptions and the sub-elements reflected in the Classified Index will not necessarily be identical in the English and the French versions of the MFS User Guide. Although the French version parallels the English version, its contents will differ according to the differing emphases found in the course and field of study descriptions of French-speaking postsecondary educational institutions.

MAJOR FIELD OF STUDY CLASSIFICATION AND DESCRIPTION OF ELEMENTS

EDUCATIONAL, RECREATIONAL AND COUNSELLING SERVICES (001-046)

Education - General (001)

001 Education - General

General studies in the skills and methods of teaching. This classification is often used in cases where no specialization in teaching had been specified.

Education

Teacher's (College Certificate)

Elementary - Primary Education (002-004)

002 Elementary School Teaching - General

General studies in the skills and methods of teaching at the elementary school level without indication of specialization in any particular field of elementary school teaching.

Childhood Education
Elementary Education

Primary Education

003 Elementary School Teaching - Specialized

Specialized studies in the skills and methods of teaching at the elementary school level. Persons specialized in teaching a particular subject at the elementary level are classified in this category.

Reading (Elementary Education)

Other (e.g., Physical Education, Arts)

004 Pre-school, Kindergarten and Early Childhood Education

Studies in the skills and methods of early childhood education teaching pre-school and kindergarten.

Early Childhood Education
Kindergarten Education

Nursery Aid
Pre-school Education

Secondary Education (Basic) (005-012)

005 Secondary School Teaching

Studies in the skills and methods of teaching at the secondary (high) school level. This classification was often used in cases where no specialization in teaching at the secondary school level had been specified.

Education Secondary
High School Education

Secondary School Education

006 English Language Training

Studies in the skills and methods of teaching English as a first language at the secondary (high) school level or higher. This classification is also used in cases where teaching English was indicated but no level of teaching was specified.

Education - English

English Education

007 French Language Training

Studies in the skills and methods of teaching French as a first language at the secondary (high) school level or higher. This classification is also used in cases where teaching French was indicated but no level of teaching was specified.

French Education

008 Other Language Training

Studies in the skills and methods of teaching languages other than French or English.

Education - Languages

Language Education

009 Mathematics - Science Teaching

Studies in the skills and methods of teaching mathematics at the secondary (high) school level or higher. This classification is also used in cases where teaching mathematics was indicated but no level of teaching was specified.

Computer in Education
Computer Education
Education - Math
Education Biology
Education Mathematics
Education Science
Math and Science Curriculum

Math Education
Mathematics and Education
Mathematics Education
Mathematics Teaching
Science Education
Science Teaching
Secondary Science

011 Social Studies Teaching

Studies in the skills and methods of teaching the social sciences, (including history, sociology, psychology and law).

Education - Geography
Education - Social Studies
Education Geography
Education History
Education Social Studies
Geography Teaching

History for Secondary Schools
History Teaching
Secondary Education Social Studies
Social Studies
Social Studies Education

012 Secondary Basic Curriculum - Other

Studies in the skills and methods of teaching, at the secondary (high) school level, basic curriculum subjects not specified above.

College Preparation
College Preparatory
Curriculum
Curriculum and Instruction
Curriculum Design
Curriculum Development
Curriculum Education
Curriculum Studies

Education - Curriculum
Education Curriculum - Studies
Education in Curriculum Instruction
Education Curriculum and Instruction
Education Curriculum Development
Educational Curriculum
Intermediate Education

Secondary Education (Specialized) (013-019)**013 Adult/Continuing Education**

Studies in the skills and methods of teaching adults in continuing education programs.

Academic Upgrading
Adult Education

Continuing Education
Extension Education

014 Art and Fine Art Education

Studies in the skills and methods of teaching arts and fine arts.

Art Education
Dance Teachers' Training

Drama in Education
Fine Art Education

015 Commercial/Business Education

Studies in the skills and methods of teaching commercial and business administration skills.

Business Education
Business Education Secretarial
Business Teacher Education

Commercial Teacher Training
Office Education
Teachers Degree Accounting

016 Family/Life Education

Studies in the skills and methods of teaching home economics, household and domestic skills.

Family Life Education
Home Economics Education

Human Relations

017 Industrial/Vocational Education

Studies in the skills and methods of teaching occupational and vocational skills.

Education Technical Teachers Certificate
Education Vocational Art
Industrial Arts Teacher Education
Industrial Education

Industrial Teacher Education
Vocational Education
Vocational Teacher Training

018 Music Education

Studies in the skills and methods of teaching the music curriculum.

Education Music
Music and Education
Music Education

Music Teacher Training
Music Teaching
Musical Education

019 Religious Education

Studies in skills and methods of pastoral or religious teaching.

Christian Education

Religious Education

Special Education (021-026)**021 Special Education Teaching**

Studies in the skills and methods of teaching persons with special needs.

Education Special Education
Special Education

Special Education Teaching

022 Highly Gifted or Exceptional Children

Studies in the skills and methods of teaching highly gifted or exceptional children.

Exceptional Children Education

026 Special Education - Other

Other specific special education programs such as multicultural education (mature and other) and remedial reading.

Blind, Teaching of
Deaf Education
Deaf, Teaching of
Developmentally Handicapped Education
Early Childhood Educ. for the Dev. Handicapped
Education of Deaf
Education of Hearing Impaired

Language and Literacy
Learning Disabilities
Multicultural Education
Multicultural Education - Native
Remedial Reading
Sign Language
Special Education Mental Retardation

Non-teaching Education Fields (027-032)

027 Audio-Visual Educational Media

Training in the use and application of audio-visual educational media such as film projections, overhead projectors, VCRs, etc.

Educational Media
Educational Resources Tech
Educational Tech

Instructional Tech
Learning Resources

028 Educational Administration and Organization

Studies in the system of administration and decision-making in the public school of the province; special topic or subfields include staff relationships the politics of education, finance, administration and teaching roles at all level of the system, community and public relations, and collective bargaining.

Administration - Secondary Schools
Administration and Curriculum (Education)
Administration in Education
Administration of Education
Administration Education(al)
Education and Administration
Education Administration and Curriculum

Education Administrator
Education Supervision
Education(al) Administration
Educational Policy in Administrative Studies
Physical Education Administration
School Administration

029 Educational Psychology

Studies in the nature and conditions of school learning and the development of personality and social behaviour in the school age child; special topics or subfields include: measurement and evaluation, psychological bases of values and moral education, cognitive development and the nature of intelligence, family life education and human sexuality.

Education Teacher Behavioural
Education(al) Psychology
Psychology - Education
Psychology and Education

Psychology Education
Psychopedagogy
School Psychology

030 Educational Statistics and Sociology

Studies in the measurement and evaluation of student performance utilizing a wide variety of testing instruments; educational sociology encompasses the study of school and society and associated cross-cultural issues such as ethnic group structure and immigrant education, social class, poverty and sex roles.

Educational Sociology
Educational Statistics

Sociology of Education

031 History, Philosophy and Theory of Education

Studies in a wide-ranging span of issues and problematics related to the evolution and function of education systems; special topics or subfields include critical analyses of the social, economic and political factors which directly impinge upon the nature of schooling and learning.

Education(al) Foundations
Education(al) Theory
History of Education

History Education
Philosophy of Education

032 Paraprofessional Teacher Aide/Educational Support

Studies undertaken for auxiliary educational staff in support of the teaching enterprise; paraprofessional teacher aides develop proficiencies in the use of audio-visual educational equipment as well as other teaching resources such as computers, graphic materials and outdoor education.

Teacher Assistant
Teacher's Aide

Teachers Assistant

Physical Education, Health and Recreation (033-039)

033 Physical Education and Health

Studies in the theory and practice of physical and health education; special subfields or topics include physical growth and motor development, bio-mechanics, movement education, homeostatic physiology, athletic training and coaching methods.

Education Physical Education
Health and Fitness
Health Education
Physical and Health Education

Physical Education
Physical Education and Health
Physical Education Teaching (Certificate)

034 Kinesiology and Kinanthropology

Kinesiology is the holistic study of human movement and physical performance; it entails an examination of specific topics such as motor control, the physiology of exercise, biodynamics, biomechanics and kinanthropology.

Biomechanics
Human Kinetics
Human Performance

Kinanthropology
Kinesiology

035 Recreation, Recreation and Leisure Studies

The study of the use of leisure time in the context of both public and recreational services; this field subsumes a number of specialties such as recreational leadership and administration, faculty operations, programming coordination and therapeutic recreation.

Aquatics
Community Recreation
Leisure Education
Leisure Services
Municipal Recreation
Physical Education and Recreation
Recreation
Recreation(al) Administration

Recreation(al) Education
Recreation(al) Facility Management
Recreation(al) Leadership
Recreation(al) Management
Recreation(al) Tech
Recreation(al) Therapy
Recreology

036 Parks/Forest/Wildlife Recreation

Studies in the techniques and processes related to a variety of outdoor recreational activities in national and provincial parks and forests, as municipal and human service agencies and in private sector operations such as ski areas and fishing and hunting guides. Emphasis is on the acquisition of practical skills such as wilderness, first aid, backpacking, orienteering and nature interpretation.

Forest Recreation
Outdoor Education
Outdoor Recreation
Outdoor Recreation Management

Park and Recreation
Parks Recreation
Wildland Recreation
Wildlife Recreation

037 Travel and Tourism

Study and training related to essential practices in the administration and delivery of services in the travel and tourism industry; some of the practices include tariff and ticketing, fare construction, international travel and health requirements; much of the content of courses in this area are accredited under the auspices of the Canadian Institute of Travel Counsellors.

Tourism
Tourism and Transportation
Travel
Travel and Tourism (Consultant)
Travel Agent

Travel (Consultant)
Travel Counsellor
Travel Program
Travel Tourist

038 Sports Technology

Studies related to the overall administration of sport programmes at the professional, amateur and recreational levels; this area of study also includes athletic training and management which deals with the theory and practice of the prevention and rehabilitation of sport injuries.

Athletics
Coach
Figure Skating Coaching
Figure Skating (Instructor)

Sports and Athletics
Sports Administration
Sports Science

039 Physical Education, Health and Recreation

Includes specialized areas of study such as Physical Fitness Instructor.

Aerobics Dancing
Fitness (Instructor)

Gymnastics Coach
Physical Fitness

Counselling Services and Personal Development (040-044)

040 Counselling Services - General

Studies in general educational counselling activities related to topics such as group leadership skills, interviewing skills, helping relationships, group processes, human sexuality, career and vocational guidance.

Counselling
Counselling and Guidance

Counselling Services
Personal Development

041 Counselling Psychology

The study of the application of psychological principles to problems related to human development, maturation, socialization, peer group processes, human sexuality, educational decision-making, career choice and planning.

Counselling and Psychology
Counselling Psychology

Educational Psychology Counselling
Psychology Counselling

042 Marriage, Family/Life Skills Counselling

The study of issues related to marriage and family life. Topic include parenting, the family in contemporary society, adolescent interpersonal relationships, the family life cycle, marital dissolution, problems of single parent families, communication skills, role changes and the effect of crises on marital and family relationships.

Family Counselling
Life Skills Counselling

Life Skills Program
Social Counselling

043 Vocational Guidance and Counselling

The study of career education counselling from the point of view of planning and decision making. Emphasis is placed upon setting realistic options for the student to choose from.

Career Orientation
Education(al) Guidance (Counselling)
Guidance
Guidance Counselling
Guidance Education

Job Readiness Counselling
School Counselling
Vocational Rehabilitation (Counselling)
Woman in Trade and Technology

044 Counselling Service and Personal Development - Other

Other specific courses or fields of study in counselling services and personal development such as addiction and drug abuse counselling, rehabilitation counselling and special care counselling.

Addiction Counselling
Counselling for the Mentally Retarded
Drug Abuse Counselling

Mental Retardation Counsellor
Rehabilitation Counselling
Special Care Counselling

Other Education (045-046)

045 Education, n.e.c. - Other

Other educational fields of study, such as Community Education.

Community Education

046 Postsecondary Teacher Training

Training program for teachers in postsecondary educational institutions, primarily nursing, theology and other higher education programs.

Education - Post Secondary

Higher Education

Nursing Education

Nursing School Instruction

Theology Education

FINE AND APPLIED ARTS (047-079)

Fine Arts (047-052)

047 Fine Arts - General

Studies at the university and college levels associated with the theoretical and applied aspects of art using a wide variety of materials, media, techniques, concepts and experience. Areas of activity include drawing, painting, print-making, sculpture, ceramics, film and video, photography and extended media.

Fine Art(s)

048 Aesthetics and Art Appreciation, Art Studies

A subfield or specialty in Fine Art, concentrating on the criteria utilized in determining the quality of art.

Aesthetics
Architectural Art
Art
Art Conservation

Art Decoration
Artistry
Esthetics
Studio Art

049 Art History

The study of architecture, painting, sculpture and other arts from ancient times to the present; the context of study is the philosophical religious, intellectual and social trends that characterize and in many ways define successive historical periods.

Art and Art History
Art and History

Art History

050 Painting and Drawing

The study of the principles and the techniques associated with developing skills in visual articulation in two dimensions. Also includes illustration which is an applied art form incorporating design principles related to effecting visual communications.

Art - Drawing
Art - Fine Painting
Art Painting
Drawing

Drawing and Painting
Fine Arts - Painting
Illustration
Painting

051 Pottery and Ceramics

The study of the principles and the techniques associated with developing skills in the understanding and usage of basic materials, processes and concepts of pottery and ceramics production. The study entails an exploration of the physical and chemical properties of clay as well as an appreciation of traditional practices such as throwing (wheel work) soft slab construction, extruding, casting mould and model making, jiggering and glazing.

Ceramics

Pottery

052 Sculpture

Study of approaches to and techniques of working with various sculptural media such as wood, stone or clay in the configuration of three dimensional artistic objects.

Sculpture

Music (053-057)

053 Music, Musicology

The study and the practice of music in terms of the acquisition of knowledge and skills in musical history and research, performance and composition. Special areas of study include theory of music, ethnomusicology, symphony, bar training, major instruments and music marketing.

Applied Music
Classical Music
Fine Arts Music

Music
Music Performance
Musicology

054 Composition and Conducting

A subfield of music which concentrates upon the acquisition of knowledge and skills of writing in score, arranging, orchestration and sound synthesis.

Composition Music

Music Composition

055 Musical Instruments

Practice and study aimed at the acquisition of technical competence in performance of musical instruments (such as piano, percussion, winds, woodwinds, strings, guitar, trombone, French horn and trumpet).

Music - Piano
Piano Concentration
Piano Performance

Piano Tech
Piano Tuning and Technology

056 Music History and Music Theory

The study of the history and the theory of music as it has evolved over the centuries in Europe, Asia, the Americas and other major regions of the world.

Music History
Music Performance and Literature

Music Theory

057 Vocal Music, Singing, Opera

A specialized subfield of music concentrating on the development of vocal performance in areas such as opera or the classics, jazz and modern or popular music.

Church Music
Music - Voice
Music Theatre
Opera

Singing
Vocal Music
Vocal Performance Music

Other Performing Arts (058-061)

058 Performing Arts - General

Studies and training in the major aspects of performance related to the Canadian and international entertainment industry. The major areas include singing, acting, music theory and dance. Concentration can be applied to any of the following subfields: voice, acting dialect, mime, improvisation, singing, dance (tap, jazz, ballet) choreography, act pacing, audio, TV, audition techniques, stagecraft and technical production.

Performing Arts

Performing Arts Management

059 Dance

Training and development of techniques and knowledge related to dance as an art form and as a preparation for careers as professional performers or as dance teachers. The three main facets of dance are classical, contemporary and jazz. Dance study also entails a knowledge of music reading, anatomy, kinesiology, dance history and partnering.

Ballet

Dance

060 Drama

The study of dramatic art forms and techniques in the performance of plays, classical and modern, and in other forms of acting and dialogue as experienced in television, radio, motion picture and the stage.

Acting
Drama

Dramatic Arts
Fine Arts and Drama

061 Theatre

The study of the practice of theatrical productions including theatre technology which entails areas such as stage management, carpentry, drafting, lighting props, costume and sound. Theatre studies concentrate upon acting techniques, movement, voice, textual analysis and audition techniques.

Costume Design
Costume Studies

Theatre
Theatre Arts

Commercial and Promotional Arts (062-064)

062 Commercial Art/Promotional Art - General

The study of techniques, processes and other applications in the preparation for career opportunities in the advertising industry. Some facets of this field of study include drawing composition, layout, colour management and perspective specific applications include package design and commercial sign writing.

Commercial Art(s)
Commercial Design
Commercial Sign Writing

Graphic Communication
Package Design

063 Advertising Art

A comprehensive training ground for students with career aspirations in professional advertising design and graphic reproduction in industrial and commercial enterprises. Specific applications include direct mail advertising, display, outdoor advertising, advertising for studios, television, transportation, business forms, calendars, display, greeting cards, newspapers, magazines and business suppliers.

Advertising and Graphic Design
Advertising Art(s)
Advertising Design

Creative Communications
Sign Painting
Sign Writing

064 Modelling

Study and practice program for persons wishing to pursue careers in modelling or a fashion-related career; examples of the latter include: wardrobe consultant, make-up artist, professional host/hostess, self-improvement instructor or consultant, photo stylist or cosmetic salesperson.

Fashion Modelling
Modelling

Professional Modelling

Graphic and Audio-visual Arts (065-070)

065 Graphic Art and Design

The acquisition of practical experience and knowledge in the field of illustration, sketching and mechanical artwork; studies focus on typography, photography and the fundamentals of the design of books, posters, business publications, advertisements, symbols and logos.

Art Graphic Design
Graphic Artist
Graphic Art(s)
Graphic Arts Administration
Graphic Arts Management

Graphic Design
Graphic Technician
Graphics
Graphics Design

066 Lithography and Print Making

Studies in the reproduction of images and text from litho metal plates produced by photo-lithographic techniques and run on an offset press. Print making is the reproduction of both black and white and colour images on paper and other materials, including fabric and cloth.

Fine Arts Printmaking
Lithographic Stripping
Lithography
Lithography and Print Making

Print Making
Screen Process Printing
Silk Screen Printer

067 Photography

An applied art which provides training for students in the commercial and artistic aspects of photography; studies concentrate on the process of forming visible images (in both colour and black and white) directly or indirectly by the action of light or other forms of radiation on photosensitive surfaces.

Applied Photography
Photoengraving
Photographic Arts

Photographic Tech
Photography
Photography Commercial

069 Printing and Publishing

Study of the techniques of typography and typesetting utilized in the production of books, newspapers, magazines and other communication media. A recent technique is that of electronic publishing which allows for the desktop production of final products; videotext page creation and computer graphics allows students to learn to use interactive software and hardware technology that is greatly expanding the facilities of publishing print and visual material.

Book Editing (and Design)
Bookbinding
Compositor
Graphic Arts Printing Tech
Letter Press - Printer
Linotype Operator
Offset (Press) Printing

Printing
Printing Management
Printing Production
Printing Tech
Publishing
Typesetting

070 Audio-visual Arts

Study of the techniques and the skills associated with the production of audio (sound) and visual (image) forms of communication in corporate, industrial and educational environments. Some major areas of study include slide/tape presentation, single, double and multi-projections, basic film and videotape production.

Audio Visual (Tech)
Experimental Arts

Visual Arts
Visual Communications

Creative and Design Arts (071-073)

071 Creative and Design Arts

A multifaceted discipline which is aimed at developing personal creative expression and aesthetic sensitivity balanced by an understanding of the cultural impact, societal applications and other roles of the design artist. One of the more specific and popular forms of this discipline is Fashion Design which provides students with professional training in the development, production and presentation of apparel design.

Art and Design
Communication and Design
Creative Arts
Creative Fashion Design
Design
Design Arts

Dress Design(ing)
Fashion (Arts)
Fashion Design(er)
Fashion Technique and Design
Jewellery (Arts)
Textile Design

072 Handicrafts (Arts and Crafts)

Handicrafts is a manual art or trade in which the fashioning of materials (such as wood, fibre, metal, stone, enamel, clay or precious stones) follows the principle and practices of past and contemporary crafts persons. Some specific crafts reported in the 1986 Census were engraving, glass-blowing, goldsmithing, leather working, millinery, taxidermy and weaving (see also 051 Pottery and Ceramics and 052 Sculpture).

Arts and Crafts
Basket Weaving
Craft and Design
Embroidery
Engraving
General Crafts
Glass Blowing
Glass-working - Ornamental

Goldsmith(ing)
Handicraft
Leather Working
Millinery
Needlework
Taxidermist
Weaving

073 Interior Design and Decorating

Study of the practice and theory of rendering techniques, space planning, architectural drafting, ergonomics model building, history of architecture, contemporary furnishings, and other skills necessary for a career as an interior designer, or an interior design technologist or assistant. Interior designers are employed in studios, architect's offices, hotel, motel and institutional chains, contract furniture chains and large corporations.

Decorating
Interior Decorating
Interior Decoration Design

Interior Design
Painting and Decorating

Other Applied Arts (074-079)

074 Applied Arts - General

The study of techniques, procedures and theories related to the practice of applied arts in general.

Applied Arts
Applied Arts and Science

Material Arts

075 Barbering

A program designed to produce professional barbers, some specific techniques and skills include styling, cutting, shampooing, shaping and colouring hair; shaving and trimming beards and mustaches; facial and scalp massaging; fitting, maintaining and styling hairpieces.

Barber
Barber Styling

Barbering
Barbering and Hairdressing

076 Beauty Culture and Cosmetology

Training program designed to train students in a complete range of hair services, cosmetics and manicures, involving the care and professional treatment of skin, hair and nails.

Beautician
Beauty Culture
Cosmetics
Cosmetology

Electrolysis
Esthetician
Hairdressing Cosmetology

077 Hairdressing

Hair styling, cutting, waving, colouring and relaxing techniques.

Hairdresser
Hairdressing

Hairstyling
Hairstylist

078 Upholstery and Furniture

Training program for persons acquiring knowledge and skills necessary for employment in the upholstery trade. Emphasis is placed on all aspects of furniture repair: gluing and refinishing of wood; springing; measuring, cutting; sewing and fitting covers, the use of air staplers and trade sewing machines.

Furniture Design and Production
Furniture Refinishing Tech
Furniture Renovation
Furniture Technology

Furniture Upholstery
Upholstering
Upholstery

079 Applied Arts - Repair and Renovation

Trade techniques applied to the repair and renovation of manufactured products such as cameras, clocks, jewellery, musical instruments, fabrics, garments and clothes, shoes and watches.

Camera Repair
Clock Repair
Horology
Jewellery Repair
Musical Instrument Repair

Seamstress
Shoe Repair
Shoemaking
Watch Making
Watch Repair

HUMANITIES AND RELATED FIELDS (080-124)

Classics, Classical and Dead Languages (080-082)

080 Classics, Classical Studies

Classics is concerned with the languages, literature, philosophy, myth, religion, politics and the history of ancient Greece and Rome.

Classical Civilization
Classical Studies

Classics

081 Ancient Greek, Latin and Roman

Study of ancient Greek, Latin and Roman languages and literature.

Classics - Greek
Greek and Latin Literature

Latin

082 Classical Languages - Other

Study of other classical languages and philology such as Hebrew, Hindi and Sanskrit.

Classical Languages
Classical Philology

Hebrew

History (083-087)

083 History - General

Study of past events as evidenced in what people have thought, said and done.

History
History and Economics
History and Languages

History and Philosophy
History and Political Science
History and Sociology

084 Canadian History

Study of the past political, social, economic and cultural development of the people of Canada.

Canadian History
History Canadian

Western Canadian History

085 Medieval and Ancient History

Study of the past social and cultural origins and development of the medieval and ancient civilizations.

Ancient History
Egyptology
Greek and Roman History

Mediaeval History
Medieval Studies

087 History - Other

Other specialized subfields of history such as Modern History, British History, Economic History and combined History studies such as History and Political science.

British History
Economic History
European History
French History
German History
History - Political Science

History - Politics
History and Arts
History English
History Psychology
Modern History
Russian History

Library and Records Science (088-089)

088 Library/Documentation Science

Library science is the study of methods and approaches to translating library materials and services so as to maximize their utilization in the pursuit of knowledge and information. Recent advances in electronic technology and information management have greatly enhanced library facilities for a variety of user groups.

Archival Studies
Cataloguing
Information Science
Librarian (ship)
Library (Arts)

Library Assistant
Library Science
Library Service
Library Tech
School Librarian

089 Museology, Museum Technology

Study of the nature of museum work and heritage preservation in general. Specific applications include standards of collection registration and cataloguing, collections theory and policy, artifact analysis, production of exhibits, displays and dioramas.

Curatorial Art
Museology

Museum Studies
Museum Technology

Mass Media Studies (090-093)

090 Mass Media Studies - General

More commonly known now as Communication Arts or Communications, this field covers a broad range of specialties, including print and broadcast journalism, broadcast and film production, advertising and public relations media advisors, communication and its relation to law, technology, politics, education, entertainment and other social and cultural concerns.

Applied Communication
Communication Arts
Communication Studies
Communications

Mass Communication
Mass Media Studies
Media Resources

091 Cinematography, Film Studies

Cinematography is the art, science and technology of producing motion picture films. Film studies is the discipline concerned with the history, criticism, theory and practice of the cinema both as an art form and as a documentary record of our times.

Animation
Camera Operation
Cinema (Studies)
Cinematography
Film
Film and Communications

Film and Television
Film and Video
Film Making
Film Production
Film Studies
Motion Picture Production

092 Radio-television

Radio and television arts is practiced in broadcast journalism and radio-television and film production of programs, series and special events coverage. Specific training at the college and university levels often entails on-the-job training at on-campus facilities.

Broadcasting (Communications)
Radio
Radio and Television
Radio and Television Arts
Radio and Television Broadcasting
Radio and Television Communications

Radio Broadcasting
Television (Arts)
Television Broadcasting
Television Production
TV Broadcasting

093 Journalism and News Reporting

Program of studies and training to provide students with the professional skills and educational basis for a career in news reporting, editing and writing for newspapers, magazines, radio and television.

Broadcast Journalism

Journalism

English Language and Literature (094-098)**094 English Language and Literature - General**

The study of the English language from its British origins to its presence in other English-speaking areas of the world. English literature in its various genres such as poetry, prose, the drama and the novel, are the main objects of study.

Arts - English
English
English Language

English Language and Literature
English Literature
English Literature History

098 English Language and Literature - Specialized

More specific and advanced studies of particular aspects of English literature such as American Literature, British Literature, Canadian Literature and Dramatic Literature.

American Literature
Canadian Literature
Dramatic Literature
English and Drama

English and Theatre
English Arts
English Canadian Literature
English Drama

French Language and Literature (099-102)**099 French Language and Literature - General**

The study of the French language from its origin in France and in other French-speaking regions of the world. French literature in its various genres such as poetry, prose, the drama and the novel, are the main objects of study.

Arts - French
French
French Language

French Language and Literature
French Literature
French Studies

102 French Language and Literature - Specialized

More specific and advanced studies of particular aspects of French literature such as French Canadian Literature and European French Literature.

Conversational French

French Canadian Literature

Other Languages and Literature (103-109)**103 Comparative Literature**

The study of literature in its international context and the comparison of literary phenomena taking into account the interrelation of humanistic and social science disciplines such as history, philosophy, psychology, and sociology. Some specific topics include the analysis of the historical flow of literary archetypes and symbols, the role of folklore and myth and recurrent problems of literary theory and criticism.

Comparative Literature

104 Asian Languages and Literature

The study and acquisition of proficiency in the languages and literature of Asia, such as Chinese, Japanese, Korean and Vietnamese.

Chinese (Language and Literature)
Japanese (Language and Literature)

Korean
Vietnamese

105 Germanic Languages and Literature

The study and acquisition of proficiency in Germanic language and literature.

German
German Language
German Language and Literature

German Literature
Germanic Languages

106 Italian Languages and Literature

The study and acquisition of proficiency in Italian language and literature.

Italian
Italian Language

Italian Language and Literature
Italian Literature

107 Slavic or East European Languages and Literature

The study and acquisition of proficiency in slavic language and literature, particularly Russian, Polish, Ukrainian, Czech and Slovak.

Polish Language and Literature
Russian (Language and Literature)

Slavic (Languages and Literature)
Ukrainian

108 Linguistics

Study of how languages function and operate. Specific areas of study include grammatical theory, language divergence and convergence in space and time, socio-cultural stratification of linguistic systems, normal and pathological language behaviour and language learning.

Applied Linguistics
Arts Linguistics
French Linguistics

Linguistics
Romance Linguistics

109 Languages and Literature - Other

The study of other modern languages and literature such as African, Indian, and Spanish.

African Literature
Foreign Languages
Greek
Indian Languages American
Language Arts
Languages
Languages and History

Literature
Modern Languages
Modern Languages and Literature
Spanish
Spanish Language
Spanish Literature

Philosophy (110-114)**110 Philosophy - General**

The academic study of forms of thought as expounded in the recorded works of the world's great philosophies and philosophers ranging from Plato and Aristotle, Augustine and Aquinas, Descartes, Hume and Kant, Hegel, Mill and Marx, to James, Russel and Wittgenstein.

Philosophy
Philosophy and History

Philosophy and Psychology

113 Political Philosophy

The specialized study of forms of political thought and theories of the state and government, social justice and political economy.

Philosophy and Political Science
Political Economy

Political Philosophy
Political Science and Philosophy

114 Philosophy - Specialized

Other specialized forms of philosophical study such as ethics, modern philosophy, logic and philosophies of art, mathematics, religion and science.

Chinese Philosophy
History of Philosophy
Logic
Philosophy of Art

Philosophy of Mathematics
Philosophy of Religion
Philosophy of Science

Religious Studies (115-119)

115 Religion, Religious Studies

The academic study of religion involves the examination of many forms of religious life, including such major traditions as Buddhism, Christianity, Hinduism, Islam and Judaism, from a variety of perspectives (historical, philosophical, social scientific, textual).

Bible Courses
Bible School
Bible Studies
Biblical Studies

Philosophy and Religious Studies
Religion
Religion and Philosophy
Religious Studies

116 Comparative Religion

Study of religion in an international context and from the point of view of examining diverse religious thought.

Church History
Comparative Religion
Religion and Culture

Religion Culture
Religious Culture and History

117 Divinity

Program of study designed for theological and professional preparation of students for the ordained ministry and for other specialized ministries.

Divinity

118 Theology

The scholarly discipline and study of religious traditions, thought and practices. Theology contains many specialties or subfields such as Christian Theology, Sacred Scripture and Theology, Reform Theology and Liberation Theology, to name but a few.

Bible and Theology
Christian Theology
Clergy
English Theology
Ministry
Ministry Religious Studies
Missiology
Missions Theology

Pastoral Theology
Practical Theology
Religion and Theological Work
Spiritual Theology
Theological Studies
Theological, Religious and Ethical Studies
Theology

119 Religious Studies - Other

Other religious studies such as Pastoral studies and ministry, missionary training, canon law, biblical literature and Salvation Army courses.

Biblical Literature
 Canon Law
 Christian Ministry
 Law Church
 Missionary Training
 Pastoral Care

Pastoral Counselling
 Pastoral Ministry
 Pastoral Studies
 Priesthood
 Salvation Army

Other Humanities and Related Fields (120-124)**120 Humanities - General (General Art)**

Refers primarily to persons who indicated Arts or General Arts, Humanities or Liberal Arts to the major Field of Study question.

Arts
 General Arts

Humanities
 Liberal Arts

121 Second Language Training

Course of studies designed to prepare teachers of either English or French to persons whose mother tongue is neither English nor French. Students of such teachers would be immigrants to Canada with landed status or persons with foreign student visas obtained in their home country.

English - Second Language
 English as a Second Language
 French as a Second Language

Second Language Training
 Teaching English as a Second Language
 Teaching French as a Second Language

122 Translation and Interpretation

Training for persons providing translation and interpretation services for government, agencies, and corporations. Much of the emphasis is on English-French translation and interpretation although many other languages are also included.

French - English Translation
 French Translation
 Interpretation
 Translation

Translation and Interpretation
 Translation English and French
 Translators and Interpreters

123 Creative Writing

Seminar-type courses primarily in fiction, prose and poetry, often given by writers or poets in residences, in which models of contemporary writing are utilized to guide the student writers development.

Creative Writing

English - Creative Writing

124 Humanities and Related Fields, n.e.c. - Other

Other types of studies in the Humanities such as local or regional studies in children's literature.

Childrens' Literature

Folklore

SOCIAL SCIENCES AND RELATED FIELDS (125-187)

Anthropology (125-129)

125 Anthropology - General

The study of the interrelations of biological, social, cultural, geographical and historical aspects of human life from its origins in prehistoric times to present-day societies.

Anthropology

128 Social and Cultural Anthropology

Social Anthropology is the study of social organization and structure among non-literate peoples and isolated societies, as well as other groups in modern society such as peasantry or industrial work groups. Cultural anthropology is the study of the evolution of culture in non-modern societies.

Cultural Anthropology

Social Anthropology

Social and Cultural Anthropology

129 Anthropology - Specialized

Studies in subfields of anthropology such as ethnology and physical anthropology. Ethnology is the study of the origin distribution and relations of races and ethnic groups. Physical anthropology is the study of past and ongoing evolutionary processes (both social and biological) among humans and non-human primates.

Biological Anthropology

Ethnolinguistics

Ethnogeography

Ethnology

Ethnohistory

Physical Anthropology

Archaeology (130)

130 Archaeology

The study of the material remains of the cultures of prehistoric peoples through the excavation of sites and the analysis of artifacts. Archaeologists draw conclusions regarding their social organization, their adaptations to their physical environment their use of tools and the development of agriculture and civilizations in the Old and New Worlds.

Archaeology

Archeology

Area Studies (Non Languages or Literature) (131-137)

131 Asian Studies

Interdisciplinary (non-language) studies of East and south Asian countries. East Asian studies focus on China, Japan and Korea, while south Asian studies focus on the history and culture of India, Pakistan, Bangladesh and Sri Lanka.

Asian Studies

Far Eastern Studies

East Asian Studies

132 Canadian Studies

Interdisciplinary studies of the nature and growth of the Canadian nation, in terms of its history, its socio-economic structure, its political organization and its manifold cultures, including its Native, English, French and ethnic components.

Atlantic Canadian Studies

Native Cultural Studies

Canadian Studies

Native Studies

136 Germanic, Slavic and East European Studies

Inter- and multi-disciplinary studies of German, Russian, Slavic and other East European countries and cultures (such as Bulgarian, Hungarian).

German Studies
Germanic Studies
Russian Studies

Slavic Studies
Soviet Eastern European Studies

137 Area Studies - Other

Other multidisciplinary area studies of various regions of the world including Latin America, the Caribbean, Near and Middle East and Africa.

African Studies
American Studies
Ancient Near Eastern Studies
Celtic Studies
Indian Studies and Social Sciences
Islamic Studies

Italian Studies
Latin American Studies
Middle Eastern Studies
Near Eastern Studies
Spanish Studies

Economics (138-143)

138 Economics - General

Economics is the study of how societies, regardless of whether they are capitalist, socialist or communist, deal with the problems of production, distribution, consumption, accumulation and employment, given human demand for goods and services and a limited supply of resources. Some of the more specific aspects of economic analysis includes the operation of markets (or microeconomics), the aggregate flow of outputs (or macroeconomics) and the operation of the money, credit and finance systems.

Applied Economics
Economics
Economics and Commerce
Economics and History
Economics and Law

Economics and Political Science
Economics and Psychology
Economics and Sociology
Economist
Economy

139 Agricultural Economics

An applied discipline using economic theory to solve problems in the agriculture sector. In particular, the field examines methods of improving the management of farms and agribusinesses, the marketing and pricing of agricultural products at all levels in the marketing chain, international trade and resource allocation questions.

Agricultural Economics

143 Economics - Other

Other specialized fields of economic study such as business economics, econometrics, international economic development, labour economics, and urban land economics.

Applied Mathematics and Economics
Business Economics
Development Economics
Econometrics
Economics - Industrial
Economics Administration
Economics Development
International Development
International Economics

Labour Economics
Macroeconomics
Management Economics
Marketing Economics
Math and Economics
Mathematics Economics
Microeconomics
Urban Land Economics

144 Geography - General

Geography is both a natural and a social science concerned with the study of physical and man-made structures and environments. It covers a broad range of topics including current social and economic issues such as acid rain, regional economic disparities, urban transportation, native land claims and the permafrost problem, as well as larger theoretical problems related to the economic, political and social forces producing spatial variations of human and physical phenomena.

Applied Geography

Geography

145 Cartography

Study of the compilation, design and production of topographic and thematic maps and charts as vehicles for the visual and graphic representation of spatial information.

Cartography
Map Drafting

Mapping
Thematic Cartography

146 Economic Geography

A subfield of geography specializing in the study of relationship between man's utilization of the physical environment and the economic conditions related to phenomena such as the manufacture and distribution of commodities. Specific aspects include the spatial organization of agricultural land use, industrial patterns and network, urban land use, regional structures, and the heartland-periphery paradigm.

Economic Geography
Economics and Geography

Geography and Economics
Urban and Economic Geography

147 Historical and Political Geography

A subfield of geography specializing in the study of geographic patterns of population settlement over periods and epochs of time; political geography examines the political/administrative organization of space, electoral geography, geographic aspects of public policy, environment issues vis-à-vis politics and the like.

Geography and History
Historical Geography

History and Geography
History Geography

149 Natural Resources Geography

A subfield of geography specializing in the study of the distribution and use of land, energy, forestry and fisheries. Special emphasis is placed on resource conservation, energy management and natural hazard research.

Biogeography
Geography Environmental Studies

Geography Resource Management
Natural Resources Geography

150 Physical Geography

One of the main fields of geography dealing with physical phenomena and processes; specific topics include meteorology, climatology, global circulation of the atmosphere and oceans, synoptic weather patterns, world climatic regions, soil development and study of landforms.

Physical Geography

Physical Geography and Cartography

151 Urban/Rural Geography

Subfield of geography dealing with the study of the evolution and development of agricultural settlements, villages, towns, and the modern metropolis. Special topics include studies of zoning, transportation, urban renewal, land use mix, land values, residential, commercial and manufacturing land in cities.

Geography and Urban Studies

Urban Geography

152 Geography - Other

Other specialized subfields of geography such as geomorphology, human geography, recreational geography and social geography.

Geography - Geomorphology
 Geography Planning
 Human Geography

Human Studies
 Recreational Geography
 Social Geography

Law and Jurisprudence (153-157)**153 Law and Jurisprudence - General**

Study and training related to the acquisition of knowledge and competence in the theory and practice of law and jurisprudence as a profession regulated by associations or law societies. This field of study also relates to the training of legal assistants at the community college level.

Human Justice
 Justice Administration
 Law
 Law and Economics
 Law and Justice

Law and Sociology
 Law Administration
 Laws
 Legal Administration

154 Civil, Criminal, Family, Common Law

Specific aspects of the theory and practice of law and jurisprudence.

Civil Law
 Common Law
 Criminal Law

Family Law
 Law - Common

155 Commercial/Business, Company Law

Special legal study and training related to commercial enterprises.

Business Law
 Commercial Law
 Corporate Law
 Credit Law

Labour Law
 Law Real Estate
 Tax Law

156 Constitutional/International Law

Study of law and jurisprudence related to the rule of law in executive government and in the lawmaking process both in a national and in an international context.

Constitutional Law
 Customs and Immigration

International Law
 International Trade Law

157 Law - Other

Other specialized legal studies such as law and psychology and private law.

Law and Psychology

Private Law

Man/Environment Studies (158-161)**158 Man/Environment Studies - General**

An interdisciplinary program of studies oriented toward an analysis and understanding of topics such as natural and managed landscapes, buildings and cities, small groups, communities and whole societies, energy management, environmental and social impact analysis, international development and environmental issues.

Biology and Environmental Studies
 Environment Studies

Environmental Studies

159 Human Ecology

Study of the evolutionary and ecological processes of human adaptation and resulting world problems of population, resources and pollution.

Ecology

Human Ecology

160 Resource Planning and Management

Technological and academic study and training related to the needs, constraints and methods of managing the natural resources of given areas or regions of the country. Specific aspects include fish, wildlife, recreation, rangelands, hydrology (water), agriculture, mining, tourism and their interdependencies.

Environmental Planning

Resources Management

Land Management

Resources Planning

Natural Resource Management

161 Urban, Rural, Regional Planning and Management

Study of planning as a process, conceived in broad terms to include policy making, research and decision-making regarding urban, rural and regional development, human settlement and the use of natural resources in the context of sustainable environments.

Architecture Urban Planning

Regional Planning

City Planning

Rural Planning

Community Development

Urban and Regional Planning

Community Planning

Urban and Rural Planning

Community Regional Planning

Urban Design

Community Studies

Urban Development

Municipal Planning and Development

Urban Land

Parks Planning (and Management)

Urban Planning

Planning Technology

Urban Regional Planning

Planning Urban and Regional Resources

Urban Studies

Political Science (162-166)

162 Political Science - General

The study of political institutions and forms of government in nation states and developed and developing societies, currently and throughout history. Special topics include political philosophy and thought, international relations, public policy and administration, electoral behaviour, Canadian government, socialist societies and interest groups.

Political Science

Political Science and Psychology

Political Science and Economics

Political Science and Sociology

Political Science and History

Political Studies

165 International Relations, Foreign Policy

A subfield of political science, concentrating upon analyses of the major issues and themes in international relations and affairs, including the nature of war and the conditions of peace. Foreign policy analysis is directed toward a study of historical and contemporary issues and crises, specifically dealing with the role of political and military rulers and the diplomatic function.

International Affairs

International Relations

International Politics

International Studies

166 Political Science - Specialized

Other subfields of political science such as political science economics, political science history, Canadian government and comparative politics.

Government
Political Science Economics

Political Science History
Politics

Psychology (167-171)

167 Psychology - General

Psychology is both a social and a biological science dealing with the study of the mind and the behaviour of individual organisms. Some special aspects include the study of sensation, perception, learning, memory, cognition, emotions, personality and development.

Applied Psychology
Psychology
Psychology and Biology
Psychology and Economics

Psychology and Philosophy
Psychology and Political Science
Science Psychology

168 Child, Adolescent, Developmental Psychology

Subfields of psychology dealing with the study of social, psychological and cognitive development of the individual from birth to physical and psychological maturation. Child studies and early childhood development programs are becoming prominent specialties at the undergraduate and community college levels.

Child and Development Studies
Child Clinical Psychology
Child Development
Child Psychology
Child Studies
Development Studies

Developmental Psychology
Early Child(hood) Development
Early Childhood Psychology
Human Development
Youth Development

169 Clinical Psychology

The primary focus of clinical psychology is abnormal human behaviour and the study of the interpersonal processes which facilitate constructive changes in individuals and groups. Specific applications include diagnostic formulations, family therapy and other intervention programs.

Clinical Psychology
Experimental Psychology
Neuro Psychology

Physiological Psychology
Psychometrics

170 Social Psychology

The study of the manner in which the attitudes, personality and motivations of the individual influence and are influenced by the structure, dynamics and behaviour of the social group within which the individual interacts. Specific topics include socialization, personality, verbal and non verbal behaviour, attraction and conformity.

Social Behaviour

Social Psychology

171 Psychology - Other

Other specialized subfields of psychology such as bio-psychology, industrial psychology, psychopathology and sport psychology.

Behaviour Modification
Behaviour Science
Behavioural Science(s)
Biopsychology
Business Psychology

Industrial Psychology
Psycho Biology
Psychopathology
Sports Psychology

Sociology (172-177)

172 Sociology - General

Social science dealing with the analysis and study of varying human organizations ranging from dyads and families to large-scale social systems such as nations and civilizations. Sociological research is based on a tradition of sociological theory and established empirical practices such as data collection, field work and quantitative methods.

Art Sociology
Sociology
Sociology and Economics
Sociology and History

Sociology and Law
Sociology and Philosophy
Sociology and Political Science

173 Criminology, Penology, Deviance

A multidisciplinary applied subfield of sociology dealing with the study of criminal, delinquent and deviant behaviour and of society's reaction to and treatment of criminological behaviour. Special applications of knowledge gained in this field occur in the areas of law enforcement, corrections, justice administration and public and private security.

Criminology

176 Family Sociology

Study of the development of the contemporary western family and the presence or lack of an extended kin group system. Special emphasis in current studies is placed on changing relations among family members in the context of changing socio-economic and industrial conditions.

Family Studies

177 Sociology - Other

Other specialized subfields of sociology such as demography, rural sociology and social stratification.

Demography
Rural Sociology

Social Stratification

Social Work and Social Services (178-184)

178 Social Work/Welfare - General

A combination of academic studies in social work, social science and the humanities with field practicum experiences designed to provide students with the necessary knowledge values, attitudes and practical skills for professional careers in social welfare.

Social Services Worker
Social Welfare
Social Welfare Administration
Social Work Administration

Social Work(er)
Welfare
Welfare Worker

179 Child Care Services, Youth Services

The primary emphasis of child care and youth services training is the provision of care and treatment for emotionally disturbed and behavioural disordered children and adolescents. Child care service graduates typically find employment in residential treatment centres, daycare, youth development centres as well as in the areas of counselling, behaviour management and recreational programs.

Child Care
Child Care Counselling
Child Care Program
Child Care Services
Child Care Social Services
Child Care Work(er)

Child Development Services
Childcare Early Childhood
Childcare Youth Development
Day Care Worker
Daycare
Early Child

Early Child Care
Early Childhood Care
Early Childhood Services
Early Childhood Study

Nanny
Social Services - Child Care
Youth Services

180 Correctional Technologies

Training program designed to provide graduates with basic knowledge and skills to operate in the field of corrections which has its main function, the protection of the public and the rehabilitation of the offender. Specific aspects of training in correctional technologies include an understanding of the functions of custody, institutional security, counselling and discharge planning.

Correctional Justice
Correctional Officer
Correctional Practices
Correctional Service

Correctional Tech
Correctional Worker
Corrections
Security Correction

181 Gerontology, Applied

Multidisciplinary study and training related to the phenomenon of the human aging process and the life circumstances of the older person. Various perspectives include family, community and institutional environments of the elderly.

Gerontology (Applied)
Gerontology - Ageing

Personal Care Worker

182 Police and Para-legal Technologies

Studies and training related to the practice of law enforcement and law and security administration in a variety of jurisdictions such as federal police forces, the Royal Canadian Mounted Police, provincial regional or municipal police departments, customs offices, hotel, hospital, industrial and retail security and insurance.

Crime Investigation
Criminal Justice
Criminal Studies
Law and Security (Administration)
Law Enforcement
Law Security
Military Police
Para-legal Technologies
Police

Police Administration
Police Officer
Police Related Services
Police Science
Police Studies
Police Tech
Police Training
Police Work

183 Protection Services

The most predominant field of study reported in this classification was fire fighting which provides fire suppression training for Fire Department personnel.

Fire Control
Fire Fighter
Fire Fighting
Fire Officer
Fire Prevention
Fire Protection Engineering

Fire Protection Tech
Fire Science
Safety Training
Safety Systems Tech
Security Officer
Security Protection Technologies

184 Social Services and Welfare Technologies - Other

Generic training provided for social service workers in residential and community settings dealing with developmentally disabled persons of all ages. Typical courses include family counselling, field-work and mental health intervention.

Behaviour(al) Science Tech
Community Resource Worker
Community Service
Community Social Service

Community Work(er)
Developmental Service Worker
Human Service(s) (Worker)
Native Alcohol Program

Psychology Social Work
Social Administration
Social Service Worker

Social Services
Social Work Aide
Welfare Aid

War and Military Studies (185)

185 War and Military Studies

An interdisciplinary program of studies examining the causes and conditions of international and intergroup conflict. Studies range from practical aspects of armaments and machinery to theoretical perspectives on the nature and origins of war throughout history. Special courses are given to military personnel either in-house in National Defense settings or at several military colleges across Canada. Universities also offer programs in the related area of Peace and Conflict studies.

D.N.D. Studies Cert.
Military History
Military Strategy

Military Studies
Military Tactics
War Studies

Other Social Sciences and Related Fields (186-187)

186 Social Sciences - General

Refers primarily to graduates who simply responded "social science" as their major field of study.

Applied Social Science
Arts and Social Science

Human Sciences
Social Sciences

187 Social Sciences and Related Fields, n.e.c. - Other

Refers primarily to graduates who simply responded "Arts and Science" as their major field of study.

Arts and Science
Labour Studies
Social Development Studies

Social Policy
Women's Studies

COMMERCE, MANAGEMENT AND BUSINESS ADMINISTRATION (188-220)

Business and Commerce (188-191)

188 Business and Commerce - General

Refers to general or basic courses and training taken in business and commerce at the college and university levels. Some of the activities and practices included in this field are business accounting, data processing, finance, purchasing, marketing, administrative practice and theory, decision sciences, economics, political science and computer science.

Business
Business and Commerce
Business and Economics
Business College
Business Commerce
Business Course
Business Refresher
Business School

Business Skills
Business Studies
Commerce
Commerce and Finance
Commerce Management
Commercial
Commercial Business

189 Business Administration

Training program aimed at preparing men and women for employment in a wide range of managerial positions in business, industry and the public sector. Specific courses of instruction include management skills decision-making, problem-solving, communications, supervision, organizational behaviour, commercial law, marketing, quantitative methods and accounting.

Administration - Business
Business Administration
Business Administration Management
Business Management
Economic and Business Administration
Management

Management - General
Management Administration
Management Information Systems
Management Science
Management Studies
MBA

190 International Business and Commerce

A specialized subfield of Business and Commerce concentrating upon the development of conceptual and analytical skills needed to formulate feasible and effective business and commercial policies and practices in an international setting. With the increasing internationalization (or globalization) of economic and business activity, focus is directed on international trade regulations, licensing and financial procedures, central and subsidiary aspects of multinational companies, banks, and other international financial institutions.

Customs Broker
Finance in International Business
International Business

International Finance
Marketing and International Business

191 Business and Commerce - Other

Other specialized concentrations in Business and Commerce such as Business Communication, Commerce and Economics Computer Business, Quantitative Business Analysis and Small Business Management.

Business Automation
Business Career
Business Communication
Business Supervision
Commerce - Economics

Commerce and Economics
Computer Business
Quantitative Business Analysis
Small Business Management
Small Businesses

Financial Management (192-195)

192 Financial Management - General

Training in Finance and Financial Management designed to prepare students for careers in the financial services sector of business which includes banking, insurance, consumer lending, trust company operations, general money management, real estate, income tax and investment portfolio consultation. (Does not include Accounting or Auditing.)

Business in Finance
Business Administration and Finance
Business Administration Finance
Business Finance
Corporate Finance

Finance
Finance - Business
Finance Management
Financial Management
Management and Marketing

193 Accounting and Auditing

Accounting is the process of analyzing and systematically recording, in terms of money, business transactions of a financial nature and summarizing, reporting and interpreting the results of these transactions. Auditing is an official examination of assets, liabilities, revenues and expense accounts.

Accountancy
Accountant Assistant
Accounting
Accounting - Administrative Studies
Accounting - Business
Accounting - Business Administration
Accounting - General Business
Accounting - MBA
Accounting and Auditing
Accounting and Bookkeeping
Accounting and Finance
Accounting and Management
Accounting Administration
Accounting Bookkeeping
Accounting Business
Accounting Business Administration
Accounting Business Management
Accounting Chartered
Accounting Commerce

Accounting Finance
Accounting Management
Accounting Tech
Administration and Accounting
Auditing
Bookkeeping and Accounting
Business Accounting
Business Administration Accounting
Business Technology Accounting
Certified General Accountant
Chartered Accountancy
Commerce Accounting
Commercial Accountancy
Computer Accounting
Financial Accounting
Industrial Accounting
Management Accounting
Registered Industrial Accountant

194 Assessment and Appraisal

Refers to training in the principles and procedures used by financial agents to estimate values magnitude and quantity, primarily for taxation and insurance purposes.

Appraisal
Appraisal and Assessment
Appraisal Assessment Technology
Assessment
Assessment and Appraisal

Claims Adjusting
Insurance Adjuster
Municipal Assessment
Property Appraisal
Real Estate Appraisal

195 Financial Management - Other

Refers to other specialized aspects of Financial Management such as Banking, Credit Management, Life Underwriting Training and Real Estate.

Banking
Banking and Finance
Business Insurance
Commercial Banking
Credit Management
Finance and Commerce

Finance and Economics
Finance and Investment
Financial
Insurance Administration
Investment
Life Insurance Administration - Management

Life Underwriting Training - LUTC
Market Management
Property Management

Real Estate
Stockbroker
Underwriting

Industrial Management and Administration (196-200)

196 Industrial Management and Relations

Training program for persons pursuing careers in the management and administration of small, medium and large industrial companies and firms. Kinds of training include new methods study, plant and facility layout, work measurement, purchasing, materials handling, production planning, scheduling and control, quality assurance, traffic and transportation, manpower management and union-management issues.

Commerce - Industrial Relations
Industrial Management

Industrial Relations
Organizational Behaviour

197 Labour Management and Relations

The study of the relationship between management and labour in the context of unions, collective bargaining, conciliation and dispute resolution. Also includes specific studies of related aspects such as job pricing, systems of job evaluation, wage payment systems, profit sharing, arbitration affirmative action, grievance and appeal procedures, wrongful dismissal, and related government legislation.

Labour Management
Labour Relations

Personnel and Labour Relations

198 Public Administration

Training program for persons pursuing careers in the public service at the regional, municipal, provincial or federal levels of government. Course content includes topics such as public policy, social reform, tax reform, government-labour relations, public finance, urban and municipal law.

Administration
Administrative
Administrative Management
Administrative Studies
Government Administration

Local Government Administration
Municipal Administration
Policy and Administration
Public Administration
Public Policy

199 Personal/Human Resources Management

Program designed to prepare students for careers in personnel administration and management in a variety of commercial, industrial and public sector settings. Specific topics include personnel selection, job analysis and appraisal, affirmative action, equal pay for work of equal value, broad based incentive plans, occupational health and safety, employment equity and related legislation.

Administration Personnel
Human Resources
Human Resource(s) Management
Personnel
Personnel and Administrative Studies

Personnel and Industrial Relation
Personnel Administration
Personnel Management
Supervision and Administration

200 Industrial Management and Administration - Other

Other specialized areas of study in Industrial Management such as engineering management, operations management, supervising management and transportation management.

Apparel Management
Aviation Management
Computer Management
Engineering Management
Factory Management
Management Supervisory
Manufacturing Management

Operations Management
Production and Operations Management
Production Management
Supervisory Management
Time Study
Transportation Management

Institutional Management and Administration (201-205)

201 Health Care and Services Management

Program of studies designed for health care and services managers and administrators. The study of the delivery of health care services in Canada covers topics such as the pattern, structure, personnel and financial operations in the field of health care and other studies such as the Royal Commission on Health Care, the Castonguay Report, the Hastings Report and the Lalonde Report.

Administration Nursing
Health Administration
Health Care Administration
Health Care Management
Health Services Administration

Hospital Administration
Nursing Administration
Nursing Management
Nursing Services Administration

202 Hotel and Food Administration

Program designed for persons interested in careers in the hospitality and tourism industry. Generally combined with an on-the-job practicum or internship. The course content deals with specific applied aspects such as room management, food preparation, lounge operations, catering, public relations, marketing, menu planning.

Culinary Management
Food and Beverage Management
Food Administration
Food Business and Management
Food Service(s) Management
Hospitality Services Food and Beverage Mgmt.
Hotel - Motel - Restaurant Management
Hotel - Motel Management
Hotel and Food Administration
Hotel and Resort Management
Hotel and Restaurant Administration

Hotel and Restaurant Management
Hotel Management
Hotel Manager
Hotel Motel Management
Hotel Motel Operations
Hotel Motel Restaurant Management
Hotel Resort - Restaurant Management
Hotel Restaurant Administration
Hotel Restaurant Management
Management Hotel
Restaurant Management

203 Funeral Directing and Embalming

Program of study and training designed to prepare administrators for positions as licensed funeral directors. The program stresses the important therapeutic function which the funeral services have for relatives and friends of deceased persons.

Embalming
Funeral Directing
Funeral Directing and Embalming

Funeral Director
Funeral Service
Mortuary Science

204 Tourism and Resort Management

Similar to "202 Hotel and Food Administration", but more specifically oriented to tourism, leisure and recreation activities, such as golf course management, resort management and ski area management.

Golf Course Management
Hospitality
Hospitality and Tourism Management
Hospitality Administration
Hospitality Services
Leisure and Recreation Management

Resort and Hotel Management
Resort Management
Ski Area Management
Tourism Industry Administration
Tourism Management
Travel and Tourism Administration

205 Institutional Management - Other

Other specialized or generic studies in institutional management.

Arena Management
Arts Administration
Building Management

Correctional Facilities Administration
Institutional Management

Marketing, Merchandising, Retailing and Sales (206-210)

206 Customer/Public Relations

Training for persons pursuing careers as professional public relations practitioners. The basic core of modern public relations theory and practice in the creation of goodwill and ensuring the timely and accurate dissemination of information about an organization's operations. Emphasis is placed on oral and written communication, effective media interaction, special events product promotion and direct response marketing.

Customer Relations

Public Relations

207 Marketing

Program of studies centred around that aspect of business enterprise concerned with the promotion and generation of markets for the purchase and sale of customer-satisfying goods and services. Marketing thus entails advertising, market research, graphic arts, media involvement, layout, design and copywriting.

Advertising

Automotive Marketing

Business - Marketing Administration

Business Administration Marketing

Business Marketing

Commerce Marketing

Finance Marketing

Marketing

Marketing and Business Administration

Marketing and Finance

Marketing and Industrial Relations

Marketing and Management

Marketing Administration

Marketing Finance

Marketing General Business

Marketing Management

Marketing Real Estate

Marketing Research

Parts Marketing

Personal Marketing

Retail Marketing

Sales Marketing

208 Merchandising

Program designed to prepare students for careers in the fields of display, visual or fashion merchandising, and to provide an understanding of business concerns as they relate to artistic techniques such as basic design drawing, colour theory, drafting, store planning, perspective drawing, fashion history, typography, layout and paste-up.

Automotive Merchandising

Distribution Technology

Fashion Merchandising

Merchandising

Merchandising Administration

Merchandising Management

Merchandising Marketing

Merchandizing

Retail Merchandising

209 Retailing and Sales

Deals specifically with retailing as an industry in which direct sales are made to consumers from retail outlets in shopping malls and other locations. Topics include advertising, window display, sales, credit and accounting.

Advertising Sales

Business Retailing

Cosmetic Retail Management

Fashion Retailing or Services

Insurance Sales

Real Estate Sales

Realtor

Retail Management

Retail Sales

Retail Selling

Retailing

Retailing and Merchandising

Sales

Sales and Marketing

Sales Clerk

Sales Management

Salesmanship

Salesperson

Selling Course

Storekeeper and Purchasing

210 Marketing and Sales - Other

Other specific aspects of marketing, merchandising, retailing and sales such as auctioneering, insurance, inventory control and purchasing.

Agriculture Parts Marketing
Auctioneering
Commercial and Industrial Sales
Insurance
Inventory Control
Inventory Management

Marketing and Sales
Purchasing
Purchasing Management
Security Salesman
Supply and Service

Secretarial Science (211-220)

211 Secretarial Science - General

Program designed to prepare trainees to perform general and specific secretarial and office administration procedures such as typewriting, shorthand, communications, word and information processing, filing, bookkeeping, office equipment operations.

Administrative Secretary
Bilingual Secretary
Business and Office Procedure
Business Secretarial
Business Secretary
Certified Clerk/Typist
Clerical Secretary
Clerical Steno
Clerk Stenographer
Clerk Typist
Clerk Typist Secretarial
Clerk Typist Stenographer
Commercial - General
Commercial Secretarial
Commercial Stenographer
Dicta Typing
Dicta Typist
Dictaphone Typist
Engineering Secretarial
English Stenography
Executive Secretary
Office Administration
Office Management
Office Practice
Office Procedure
Office Studies
Office System Management
Office Training
Professional Secretary
Receptionist
Receptionist - Typist

Receptionist Clerk Typist
Secretarial
Secretarial - Business
Secretarial and Administration
Secretarial Arts
Secretarial Business
Secretarial Clerk Course
Secretarial General Office
Secretarial Science
Secretarial Service
Secretarial Shorthand
Secretarial Skills
Secretarial Stenographer
Secretarial Studies
Secretarial Technology
Secretarial Training
Secretarial Typing
Secretarial Work
Secretarial/Business
Secretary
Secretary - Bilingual
Secretary - Executive
Secretary Stenographer
Shorthand
Shorthand and Typing
Shorthand Typing
Special Commercial
Steno
Steno Typist
Stenographer
Typing

212 Bank and Financial Clerk

Program providing basic training for bank tellers and financial clerks in the balancing procedure used by financial institutions (such as banks, trust companies, savings and loans and credit unions). Specific topics include interest rate calculations, service charges, bonds and coupons, safekeeping, foreign currency, money orders, night deposits, traveller's cheques, credit cards, personal loans and mortgages.

Bank and Finance Clerk
Bank Clerk
Bank Teller

Cashier Course
Teller Training

213 Business Machines Operations

Refers to training provided for students in the operation of automated office equipment such as word and data processors. Older graduates in the field reported specialization in the use of Comptometers. Modern computer applications are evident in areas such as payroll systems, accounting systems, and records control.

Accounting Machines
Business Machine Operations
Business Machines

Comptometer
Switchboard Operator
Telephone Operator

214 Court Reporting and Recording

Training provided for persons seeking careers in court reporting and recording. Graduates are able to prepare word-for-word record of testimony given in courtroom proceedings, boards of inquiry, public hearings, conventions and conferences. The court reporter is also trained to administer oaths and mark exhibits.

Court Recording
Court Reporting

Court Steno Reporting

215 Health/Medical Records Technology

Program of academic and clinical training designed for health and medical record technicians, employable in the medical record department of hospital clinics and other health service facilities. The training entails lectures, laboratory exercises and practical experience. Computerization and record linkage are becoming increasingly important tools in the recording and utilization of health information.

Health Record Administration
Health Record (Tech)
Medical Records

Medical Records Librarian
Medical Records (Tech)

216 Legal Secretary

Specialized training designed to meet the demand for auxiliary personnel in the legal profession. In addition to the standard secretarial skills such as word processing, and shorthand, training is directed toward a study of legal procedures, terminology and documents related to litigation, real estate, estate planning and company practices.

Law Clerk
Legal Assistant
Legal Office Administration

Legal Secretary
Legal Stenographer

217 Medical Secretary

Specialized training designed for medical secretaries. Standard secretarial skills are taught along with additional courses in medical terms, operative reports, discharge summaries, case histories, medical office procedures and medical accounting.

Medical Dictatypist
Medical Office Assistant
Medical Secretary

Medical Stenographer
Medical Transcription
Secretary - Medical and Dental

218 Office Accounting/Bookkeeping

Current office accounting training and procedures emphasize the use of the microcomputer as an essential tool. Some basic programs such as MS-DOS (or Microsoft Disk Operating System) are considered to be standard. Bookkeeping training introduces students to develop journalizing and posting skills as well as to the use of computer spreadsheet packages.

Accounting Clerk
Accounting Secretary
Bookkeeper Clerk
Bookkeeper Typist
Bookkeeping
Bookkeeping and Secretarial
Bookkeeping and Typing
Bookkeeping Clerk
Bookkeeping Clerk Typist
Bookkeeping Secretary
Bookkeeping Typing
Business Bookkeeping

Clerical Accounting
Clerical Bookkeeping
Clerk Accounting
Clerk Bookkeeper
Clerk Typing and Bookkeeping
Clerk Typist and Accounting Clerk
Clerk Typist Bookkeeper
Secretary Bookkeeping
Typing and Bookkeeping
Typing Bookkeeping
Typing Shorthand and Accounting

219 Word Processing

Specialized instruction dealing specifically with advanced word processing techniques and equipment (including reprographics, micrographics, photocomposition, electronic mail, management information systems, keyboarding, programming and magnetic filing).

Computer Word Processor Operator
Legal Word Processing
Secretary of Word Processing
Word Process Operator
Word Processing
Word Processing - Clerk Typist

Word Processing - Operator
Word Processing Computer
Word Processing Secretary
Word Processing Specialist
Word Processor

220 Secretarial/Clerical - Other

Other various training activities in secretarial/clerical field such as business technology, inventory clerk, stockroom clerk, and supply technician.

Business Clerical
Business Office Studies
Business Office Training
Business Practice
Business Science
Business Technology
Business Training
Clerical
Clerical Assistant
Clerical Clerk
Clerical Course
Clerical Office Training
Clerk

Commercial - General Clerical
Customs Clerk
Hospital Unit Clerk
Industrial Records
Inventory Clerk
Office Clerk
Records Certificate
Records Management
Shopkeeper and Stockman
Speedwriting
Stock-Room Clerk
Supply Technician
Typing and Office Work

AGRICULTURAL AND BIOLOGICAL SCIENCES/TECHNOLOGIES (221-266)

Agricultural Science (221-229)

221 Agricultural Science

The scientific study of the production of plants and animals for human consumption, more specifically dealing with soil cultivation and the breeding and management of crops and livestock.

Agricultural Science
Agriculture

Agriculture Science

222 Animal Science

The scientific study of animal life, categorized in terms of avian species (layer, broiler, breeder, quail and pigeon) beef cattle, sheep, swine, fish, and wild mammals, from several disciplinary perspectives - e.g., nutrition, physiology, genetics, production management, behaviour, embryology, wildlife management and aquacultural science.

Agriculture - Animal Science
Animal Nutrition

Animal Science
Animal Science Agriculture

223 Crop Science, Crops, Crops Farming

Also designated as Agronomy which is the study of the principle and procedures of soil management and field crops and special purpose plant improvement management and production. More specific aspects include the study of agricultural fertilizers and chemicals, soils and crop growth, irrigation soil/water relations and water control, land classification, rehabilitation and conservation.

Agriculture Agronomy
Agriculture Crop Science

Agronomy
Crop Science

224 Food Science

Applied science dealing with the study of chemical, physical and physiological properties of post-harvest and post-mortem food tissues, factors leading to food spoilage, and food preservation through methods such as fermentation, freezing, thermal processing, ionizing radiation, dehydration and chemical additives.

Agriculture Food Science
Dairy Science

Food Science

225 Horticulture

Study of the art and science of growing plants; specific applications include plant materials, landscaping, flower, vegetable and fruit production, turf, weeds, insects and diseases, soils and agricultural chemicals.

Agriculture - Horticulture
Environmental Horticulture
Floral Design
Floriculture

Horticulture (Tech)
Ornamental Horticulture
Practical Horticulture

226 Plant Science - General

Generic study of techniques and skills related to plot seeding, forage harvesting, corn harvesting, yield and dry matter determination, seed testing, greenhouse management, bulb forcing and grafting methods (Cf. 223 Crop science, Crops, Crop Farming).

Agricultural Plant Science
Agriculture Plant Science

Plant Science

228 Soil Science

The study of the interactions occurring at the earth's surface between minerals, water, air, plants and other organisms, with the objective of improving the productive capacity of soils and the conservation of non-renewable soil resources which are the basis of the farming and forestry industries.

Agriculture Soil Science
Soil Chemistry

Soil Microbiology
Soil Science

229 Agricultural Sciences - Other

Other specialized subfields of agricultural science such as Agricultural Biology, Agricultural Chemistry, Agrometeorology and Poultry Science.

Agricultural Biology
Agricultural Chemistry
Agricultural Meteorology
Agriculture Weed Science

Agrometeorology
Animal and Poultry Science
Animal Poultry Science
Poultry Science

Agricultural Technology (230-233)

230 Agricultural Technology

Training program directed to the acquisition of general and specific skills related to the operation of farms, either in small, diversified holdings or in large corporate operations. Some specific aspects include animal production, crop production, mechanization and construction, farm management, marketing and financial planning.

Agricultural Engineer(ing) Tech
Agricultural Laboratory Tech
Agricultural Tech
Agriculture Tech

Applied Agriculture
Lab Technology for Agriculture
Vocational Agriculture

231 Agricultural Business

Training in the fundamentals of business practice as it relates to farm management and agricultural production. Some of the applications of this field of study pertain to agricultural lending, agricultural equipment sales and management, fertilizer and chemicals, livestock feed and supplies, farmstead building, rural real estate and farm commodity marketing services.

Agri - Business
Agricultural Administration
Agricultural Business
Agricultural Business Management
Agricultural Management
Agricultural Marketing

Agricultural Production and Management
Agricultural Sales
Agriculture Business
Farm Business (Management)
Farm Management

232 General Farming Technology

General study of agricultural and farming techniques related to field crops, livestock, ranch technology, farmology and gardening.

Agriculture - Field Crops and Livestock
Agriculture General
Farm and Ranch (Tech)
Farm Operators
Farm Operators and Management

Farm Tech
Farmology
Field Crops Livestock
Gardening
General Farming

233 Agricultural Technology - Other

Other specific subfields of agriculture such as apiculture (or beekeeping), irrigation, pesticides, soils technology, weed control and turf grass management technology.

Agriculture Production
Animal/Plant Research Technician
Apiculture
Bee-keeping

Irrigation Tech
Pesticides (Tech)
Soil (Tech)
Weed Control

Animal Science Technologies (234-238)

234 Animal Science/Health Technology

Training program for paramedical or technical assistant personnel who could be employed with veterinarians engaged in private practice. The practice usually deals with pet animals or farm animals, and in some cases with wild animals. The training covers laboratory analysis of blood, urine and fecal samples, radiographic procedures, sterilization, sanitation, anesthesia and surgery, as well as administrative duties.

Animal Care Tech
Animal Health Tech

Animal Science Tech
Animal Tech

235 Cattle/Swine Technology

Predominantly Dairy Farm training related to normal milking and feeding procedures. Much of the field deals with mechanized and computerized feeding and milking equipment.

Dairy and Maintenance of Dairy Farm
Dairy Agriculture
Dairy Farmer
Dairy Herdsman
Dairy Production

Dairy Tech
Livestock
Livestock Production
Range Management

236 Equine Studies/Horse Husbandry

Program of study designed to meet the needs and interests of persons interested in raising horses or those seeking employment in the horse industry. Course of studies includes nutrition and feeding, genetics, breeding and reproduction, health and first aid, stable management, training, exercise and riding.

Equine Care
Equine Studies

Horse Husbandry
Western Horsemanship

237 Veterinary Technologies/Animal Health and Care

(Cf. 234 Animal Science/Health Technology) Program preparing students for careers in attending to needs of pet, farm and research animals in veterinary practice, pet shops, humane societies and research establishments. Basic skills include animal handling, clinical hygiene and record keeping, while core topics cover anatomy, physiology, nutrition, disease and laboratory work.

Animal Care
Animal Health

Animal Health Care
Veterinary Tech

238 Animal Science Technologies - Other

Other more specific or specialized fields in animal science technology such as agricultural livestock, animal husbandry, artificial insemination, farrier science and horse shoeing.

Agriculture Livestock
Animal Husbandry
Artificial Insemination

Farrier (Science)
Horse Shoeing

Biochemistry (239)

239 Biochemistry

The study of biological processes or living organisms at the cellular or molecular level. Some specific aspects of biochemistry include the study of brain functions, cellular differentiation, energy utilization by animals, plants and microorganisms, proteins, nucleic acids, lipids, vitamins and hormones.

Biochemistry
Biochemistry Nutrition
Biological Chemistry
Biology and Chemistry
Chemistry and Biochemistry
Chemistry and Biology

Chemistry Biology
Clinical Biochemistry
Cytology
Lipid Biochemistry
Nutrition and Biochemistry
Science Biology and Chemistry

Biology (240-244)

240 Biology - General

The study of living organisms in terms of their form functions, origin and behaviour. Contains a number of specific subfields or specializations such as embryology, anatomy, physiology, cytology, morphology, taxonomy, genetics, evolution and ecology.

Biological Science(s)
Biology
Biology and Psychology

Biology Science
Life Sciences
Science Biology

241 Genetic and Developmental Biology

The study of biological inheritance and the molecular aspects of gene structure and functions and the development of techniques that permit cloning of genes from different organisms. Applications in this field cover such diverse fields as plant and animal developmental biology, virology, immunology and cancer biology.

Biology - Genetics
Genecology
Genetics

Molecular Genetics
Population Genetics

242 Microbiology

Branch of the biological sciences dealing with the study of microorganisms such as bacteria, viruses, parasite and antibiotic substances. Specific areas of study include the genetic code and the gene pool; antigen-antibody reactions and cellular immunity; synthesis of proteins, nuclear acids; membrane structure; biogenesis; cellular differentiation.

Bacteriology

Microbiology

243 Molecular Biology

(Cf. 241 Genetic and Developmental Biology) The branch of the biological sciences which studies the physical and chemical properties of molecules in a cell.

Cell and Molecular Biology
Cellular and Microbial Biology

Molecular Biology

244 Biology - Other

Other specialized subfields of biology, including animal biology, cell biology, environmental biology, immunology and physiology.

Animal Biology
Biology and Horticulture
Cell Biology
Environmental Biology

Human Biology
Limnology
Physiology

Biophysics (245)

245 Biophysics

A hybrid science combining principles of physics and biology to study and to explain the structures of living organisms and the mechanics of life processes.

Biology and Physics
Biophysics

Environmental Biophysics
Molecular Biophysics

Botany (246-248)

246 Botany - General

The study of plant life in all its forms, from viruses to flowering and cultivated plants. At the applied level, special topics include domestication of crops, study of weed control, plant breeding, crop production, agricultural microbiology and integrated pest management.

Botany

Botany and Zoology

247 Botany - Other

Other specialized subfields of Botany, the primary one being Physiology which is the study and classification of freshwater, marine, soil and airborne algae.

Biology Botany
Bryology
Geobotany

Mycology
Phycology

248 Plant Sciences - Specialized

Other specialized Plant sciences such as Plant Breeding, Plant Ecology, Plant Pathology and Plant Physiology.

Plant Biochemistry
Plant Biology
Plant Breeding
Plant Ecology
Plant Genetics

Plant Nutrition
Plant Pathology
Plant Physiology
Plant Protection
Plant Virology

Household Science and Related Fields (249-254)

249 Household and Domestic Science

Program of studies and training related to the preparation of students for employment in home-making agencies. Course content includes topics such as nutrition, home management, accident prevention, caring for children and special groups such as the chronically ill, the terminally ill and the elderly.

Domestic Science
Home Sciences
Homemaker

Household Science
Housekeeping

250 Consumer Studies

Study of the nature and the scope of human consumption behaviour and the interactions of business, the consumer and government in the marketplace for products and services in the general areas of clothing, textiles, foods and housing.

Consumer Studies
Family Consumer Studies

Food and Consumer Studies

251 Clothing and Textiles

Study and training in techniques of production related to the user of fibre, filaments, yarn or cloth in the manufacture of clothing and other fabric materials.

Clothing
Clothing (and Textiles)
Dressmaking
Dry Cleaning
Fur, Leather and Suede

Furrier
Home Economics Clothing and Textiles
Sewing
Tailor (Taylor)
Textiles

252 Food Nutrition, Dietetics and Dietary Technology

An interdisciplinary program of studies combining physical, agricultural, biological, health and social sciences designed to give students an understanding of the impact of nutrition on health and its role in disease, metabolic processes, the chemistry of food, and the social and behavioural determinants of food selection.

Dietary Aid
Dietary Service Tech
Dietary Tech
Dietetics
Dietetics and Nutrition
Food and Drug Tech
Food and Nutrition

Food Science Tech
Food Tech
Human Nutrition
Nutrition
Nutrition Science
Science Nutrition

253 Food Services and Preparation

Training program designed to give food service personnel a grounding in purchasing, storing, handling and preparing food. Includes commercial and professional cooking, baking, catering, culinary arts, bartending, mixology and quantity cooking.

Baker
Baker(y)
Baking
Bartending
Cake Decoration
Catering
Chef
Commercial Cook(ing)
Cook
Cooking
Culinary Arts
Dining Room Service

Food and Beverage
Food and Restaurant Services
Food Handling
Food Preparation
Food Service(s) (Tech)
Hostess Training
Mixology
Professional Cook(ing)
Short Order Cook
Waiter/Waitress (Training)
Waitress(ing)

254 Home Economics

(Cf. 249 Household and Domestic Science) Study of the science and practice of nutrition, food preparation, clothing, housing, consumerism and family development. Specific topics include clothing design and construction, human nutrition, consumer education, family development and household equipment.

Home Economics
Home-Making

Household Economics
Science Home Economics

Veterinary Medicine/Science (255-256)**255 Veterinary Medicine**

Professional studies in medical practice aimed at solving animal health problems and injuries, acquiring knowledge of the management of domestic animals and the functioning of the various animal industries.

Animal Medicine
Veterinarian Medicine
Veterinary Medicine

Veterinary Pathology
Veterinary Surgery

256 Veterinary Science

Scientific and research studies of the various approaches to the physiology of mammals. Includes specialties such as reproductive physiology and veterinary epidemiology.

Reproductive Physiology
Veterinarian Science

Veterinary Epidemiology
Veterinary Science

Zoology (257-262)

257 Zoology - General

The study of the structure, functions, taxonomy, morphology and behaviour of animals. Zoology is subdivided into many specialized areas based on groups such as protozoa, insects, fish and mammals and others based on levels of organization or methods of study such as anatomy, physiology, genetics or ecology.

Zoology

258 Animal Anatomy, Ecology, Genetics or Histology

Specialized studies in both research and applied science in areas such as animal breeding and genetics.

Animal Behaviour
Animal Breeding
Animal Ecology

Animal Genetics
Animal Reproduction
Biology Animal

259 Entomology

The study of insects, including their evolution, life histories, food specificity, plant defenses, medical importance and behaviour.

Agricultural Entomology
Araneology
Biology Entomology

Entomology
Forest Entomology
Pest Control

260 Fisheries Biology

Specialized study of the life and behaviour of fish in fisheries.

Aquatic Ecology
Biological Research - Fish
Biology Fisheries
Fish and Wildlife Biology

Fish Biology
Fisheries Biology
Fisheries Science

261 Marine/Ocean Biology

Specialized study of marine and ocean life.

Aquatic Biology
Marine Biology

Marine Biology - Ornithology
Marine Ecology

262 Zoology - Other

Other specialized subfields of zoological study, but predominantly represented by studies in Wildlife Biology and Wildlife Ecology.

Biology Zoology
Ichthyology
Invertebrate Zoology
Mammalogy

Ornithology
Wildlife Biology
Wildlife Ecology

Other Agricultural and Biological Sciences/Technologies (263-266)

263 Fish Farming, Fish Technologies and Processing

Training program designed for persons intending to pursue employment in the aquaculture industry. Graduates develop skills in the operation of hatcheries, the capture and spawning of brook stock, and the marketing of live fish and shellfish. Fish processing involves the learning of marine product processing technology and food engineering.

Aquaculture
Aquaculture (Tech)
Crab Processing
Fish
Fish Culture
Fish Plant Operations

Fish Processing
Fisheries
Fisheries Tech
Fishing Tech
Salmonoid Enhancement
Seafood Processing

264 Food Processing Technologies - General

This field primarily refers to meat processing and meat-cutting (or butchering). Training is directed to the care and safe operation of power meat-cutting equipment, preparation and handling of red meats, poultry, veal and pork.

Brewing - Apprentice
Butcher
Butchering
Butter Making
Cheese Making
Dairy Manufacturing
Dairy Processing
Food Engineering

Food Processing (Tech)
Food Production
Foods
Meat Cutter
Meat Cutting
Meat Inspecting
Meat Processing
Retail Meat Cutting

265 Hunting and Trapping

Training provided in a practicum setting in the traditional skills and practices associated with hunting, trapping and fishing. The predominant area in this category is that of fishing master.

Fishing Guide
Fishing Master

Fishing, Hunting and Trapping
Trapping

266 Agriculture and Biological Sciences/Technologies - Other

Other agriculture and biological sciences/technologies not classified elsewhere, such as florist and natural sciences.

Electron Microscopy
Florist

Natural Sciences

ENGINEERING AND APPLIED SCIENCES (267-301)

Architecture and Architectural Engineering (267-269)

267 Architecture - General

Professional study in the art and science of designing structures and organizing spaces within and about the built-environment. Architectural study deals with a wide range of issues related to the construction of habitable, public, private and institutional structures.

Architect
Architectural

Architecture

268 Architectural Engineering Design

Studies in the branch of engineering dealing primarily with building materials and with the design of structural systems of buildings.

Architectural Design
Architectural Engineering
Architecture Interior - Design

Building Construction Engineering
Building Design
Construction Engineering

269 Architecture - Other

Other specialized studies in the architectural field such as architectural acoustics, architectural history, computer architecture and restoration architecture. Also includes pre-architecture environmental studies, industrial design and building studies.

Architectural Science
Building Sciences

Industrial Design

Aeronautical and Aerospace Engineering (270)

270 Aeronautical and Aerospace Engineering

Study of the design and construction of aircraft and space vehicles, with particular emphasis on topics such as aerodynamics, flight mechanics, stress analysis, computer-aided design, servo-mechanisms, navigational equipment, hydraulic/pneumatic systems, aeroelasticity and noise control.

Aerodynamics
Aeromechanical Engineering
Aeronautical Engineering
Aeronautics

Aerospace
Aerospace Engineering
Avionics

Biological and Chemical Engineering (272-273)

272 Biomedical, Biological or Clinical Engineering

Studies in the application of engineering technology to the solution of medical problems: examples include the development of prostheses and artificial valves for the heart, various types of sensors for the blind and automated artificial limbs.

Biochemical Engineering
Biological Engineering
Biomedical Engineering

Genetic Engineering/Immunology
Industrial Microbiology
Medical Engineering

273 Chemical Engineering

Study of the design, development and operation of processes for the chemical and physical conversion of materials. Chemical engineering applications in the chemical process industries include chemical manufacturing, plastics, polymers, petroleum and petrochemical refining, paint, textiles, food processing, nuclear engineering, biochemical (Cf. 272) and pharmaceutical industries.

Chemical Engineering

Nuclear Engineering

Civil Engineering (274)

274 Civil Engineering

Study of the planning, design, construction and maintenance of engineering works of all kinds, such as dams and power projects, bridges, canals, buildings, railways, highways, airports, subways, harbours, water supply and sewage treatment systems. Civil engineering is subdivided into a number of specializations such as structural, transportation, geotechnical, engineering mechanics and water resources.

Building Engineering
Civic Engineering
Civil and Structural Engineering
Civil Engineer(ing)
Military Engineering

Structural Engineering
Survey Science
Survey(ing) Engineer(ing)
Transportation Engineering

Design/Systems Engineering (275)

275 Design/Systems Engineering

Systems Design Engineering encompasses a study of the basic skills required for systems analysis, simulation, optimization and design. Particular applications in this field include: Design and Human systems which specialize in human factors, engineering, ergonomics, occupational health and safety, marketing, etc.; socio-economic systems specializing in large-scale engineering projects such as the James Bay Hydroelectric project in northern Quebec; and Physical and Computer systems specializing in mathematical modelling linear systems, theory, computer-aided analysis and design.

Data Base Systems
Design Engineering
Engineering Design

Engineering Systems Design
Systems Design Engineering
Systems Engineer(ing)

Electrical/Electronic Engineering (276-278)

276 Computer Engineering

Computer (Systems) Engineering is the study of the design and implementation of integrated computer systems considering factors such as functions, performance, cost, size, power requirements, reliability, maintainability and societal impact. Examples include computer network design, Local Area Networks (LANs), remote distributed control stations, telephone switching systems and videotext data storage/transmission/display systems.

Computer Engineering
Computer Systems Engineering

Engineering - Computer Science
Microcomputer Science

277 Electrical/Electronic Engineering

The study of the application of electrical phenomena to the needs of society. This study and training entails research, design and development associated with a wide variety of electrical apparatus and systems. Examples include electronic circuit design and fabrication, communications, power systems and computer information systems.

Communications in Electrical Engineering
Electric Engineering
Electrical Engineer(ing)

Electronic(s) Engineer(ing)
Engineering - Electrical

278 Music and Recording Engineering

Specialized application of electrical/electronic engineering in the area of industrial music arts, and recorded music production.

Music Engineering
Recording Engineering

Sound Engineering

Industrial Engineering (279)

279 Industrial/Manufacturing Engineering

The study of the analysis, design, improvement and operation of integrated systems of people, materials, machines, equipment and information. Industrial engineering applications can be found in all fields of manufacturing, business organizations, banks, railroads, airlines, insurance companies and hospitals.

Control Engineering
Industrial Engineer(ing)

Manufacturing Engineer(ing)
Safety Engineering

Mechanical Engineering (280-282)

280 Mechanical Engineering - General

The study of all forms of the design implementation and operation of mechanical systems associated with land, sea, air and space transportation, primary and secondary manufacturing industries, power generation, utilization and control, environmental control, and other industrial applications.

Engineering Mechanic(al)
Hydraulics

Instrumentation Engineering
Mechanical Engineer(ing)

282 Power Engineering

Engineering technology associated with the operation and maintenance of power plants.

Power Engineer

Power Engineering

Mining, Metallurgical and Petroleum Engineering (283-286)

283 Geological Engineering

An interdisciplinary program of studies directed to analysis, research and exploration related to rocks and soil, their surface and subsurface structure and the application of this knowledge to the planning and construction of dams, buildings, highways and the exploration and development of mineral deposits.

Engineering Geology
Engineering Geophysics
Geological Engineering

Geophysical Engineering
Geotechnical Engineering

284 Metallurgical Engineering

The study of the properties and uses of metals and alloys. The three main subfields are: ore dressing which is concerned with the purification of metal-bearing minerals after they have been mined; chemical metallurgy which involves the extraction of metals by chemical reactions; and physical metallurgy which pertains to the physical properties of metals and alloys, their fabrication and production.

Ceramic Engineering
Metallurgical Engineering

Mineral Engineering

285 Mining Engineering

Study of the processes associated with the excavation and processing of coal and ore to obtain mineral deposits. Some of topics pursued include explosives technology, drilling and blasting, rock mechanics, environmental control, mineral economics, separation systems and mine management.

Mining Engineer(ing)

286 Petroleum Engineering

Study of the engineering processes related to the search for and extraction of oil, gas and liquefiable hydrocarbons.

Hydrocarbon Engineering
Petroleum Engineer(ing)

Petroleum Geology

Resources and Environmental Engineering (287-289)

287 Agricultural Engineering

Study of the application of chemical, biological and physical principles employed in the production of food and fibre produced under a wide range of environmental conditions and agricultural practices. The study more specifically relates to power and machinery (tractors, field implements), structures (livestock housing, crop storage and processing), and soil and water (irrigation, drainage, soil erosion control).

Agricultural Engineering

288 Environmental/Resource Engineering

Study of the means and ends concerned with the reduction of pollution, contamination and other environmental hazards associated with the deterioration of the surroundings in which people live.

Environment(al) Engineer(ing)
Environmental Quality Control
Environmental Resources

Environmental Science
Resource Engineering
Water Resources Engineering

289 Fisheries, Marine, Ocean Engineering

Study of the design, construction, operation and maintenance of plant and other auxiliary machinery associated with the utilization of ships, harbours, fisheries and other marine installations.

Marine Engineering

Ocean Engineering

Engineering Science (291-292)

291 Engineering Science

Study of the application of science to modern technology with the purpose of preparing graduates for careers in applied engineering research, advanced engineering or university teaching and post-graduate studies.

Engineering and Mathematics
Engineering Science

Mathematical Engineering
Science Engineering

292 Engineering Physics

The study of the application of the principles of physics and mathematics in order to solve unusual or complex engineering problems and to develop scientific innovations into practical devices. Some of these applications include electronic devices such as lasers or superconductors, medical research, satellite or telecommunications development, geophysical or oceanographic prospecting.

Engineering Physics
Industrial Chemistry

Nuclear Thermal Science

Engineering, n.e.c. (293)

293 Engineering, n.e.c.

Study of the ways in which the properties of matter and the sources of power are transformed into useful human structures, machines and products.

Engineer

Engineering

Forestry (294-298)

294 Forestry

The study of the science, art and practice of managing, developing and cultivating the natural resources associated with and derived from forest lands. These resources include wood products, water, forage, soil and stream productivity, wildlife, outdoor recreation, and environmental quality.

Forestry

Science and Forestry

Forestry Engineering

295 Forest Harvesting, Management, Protection

Studies in the measures associated with effective organization of a forest in order to ensure continued production of its goods and services.

Forest Engineering

Forest Ranger

Forest Harvesting

Forest Resource Management

Forest Management

296 Forest Wildlife Management

Study of the practices and means of maintaining an ecological balance between forests and their wildlife.

Forestry Wildlife

Wildlife Management

298 Forestry - Other (Including Silviculture)

Other specialized subfields of forestry such as Forest Biology and Forest Ecology as well as Silviculture which is the study of the practice of controlling the establishment, composition and growth of trees.

Civil Culture Forestry

Forest Genetics

Forest Biology

Silviculture

Forest Ecology

Tree Physiology

Landscape Architecture (299-301)

299 Landscape Architecture

Study of the art and applied science of arranging, designing and constructing scenic environments in and around buildings, both public and private.

Environment Design

Landscape Architect(ure)

Environmental Design

Landscape Planning

300 Garden Design

Study of the practice of designing and constructing gardens consisting of floral, arboreal and shrubbery arrangements.

Horticulture and Landscaping

Landscaping and Horticulture

Landscape Horticulture

301 Landscape Technology

Study of the planning design assessment and construction of open space man-made environs that are ecologically appropriate, functionally sound and aesthetically pleasing.

Landscape Architectural Tech

Landscape Design

Landscape Maintenance

Landscape (Tech)

Parks Maintenance

ENGINEERING AND APPLIED SCIENCE TECHNOLOGIES AND TRADES (302-369)

Architectural Technology (302-303)

302 Architectural Technology

Study of the principles of design and planning, modern building methods and structural and environmental engineering related to architectural construction. Some other aspects of the training program includes: architectural drafting, cost estimation, municipal bylaws, art history, basic design principles and applications in the areas of hot water heating, forced air heating, illumination, ventilation, and acoustics.

Architectural Design Tech
Architectural Engineering Tech

Architectural Tech

303 Architectural Drafting

Program of study designed to provide graduates with a grounding in the practices and fundamental principles required to produce working drawings for engineers and other workers engaged in the building industry and other related industries. The student is also trained in specific techniques related to strength of materials, surveying, model building and computer-assisted drafting.

Architectural Drafting (Tech)

Structural Design

Chemical Technology (304-307)

304 Chemical Technology

Study of the practical skills and the theoretical concepts related to a wide range of applications in the chemical industry some of these applications are in the manufacture of inorganic and organic chemicals, including mineral acids, soda ash, caustic soda, fertilizers, pure chemicals, explosives, oils, soaps, plastics), the petrochemical industry (oil refining, fuels production, agricultural products, the manufacture of synthetics), metallurgical and electrometallurgical recovery of metals, mining industry (separating and concentrating ore-bearing minerals), food industry (packing plants, dairies, canning firms, etc.), research institutions (industrial R & D laboratories, government agencies, universities, colleges, atomic energy plants, etc.), and in many levels of government (including public health, environmental testing, and pollution control agencies).

Chemical Engineering Tech
Chemical Laboratory Tech

Chemical Processing Operations
Chemical Tech

305 Biochemical Technology

An interdisciplinary field of study combining the disciplines of biochemistry, genetics and cell biology. Some specific aspects of this field include: specialized techniques in protein chemistry and purification; enzyme chemistry; recombinant DNA methodology; monoclonal antibody generation, purification and modification; cell culture techniques; fermentation technology; and radioisotope techniques.

Bio-science Tech
Biochemical Tech

Biochemistry Tech
Biotechnology

306 Plastics, Fibreglass and Rubber Technology

Study of and practical exposure to production operations, process troubleshooting, productivity improvements, quality control, and standard test procedures on resins, plastics, fibreglass and rubber products. An important element of this training is in the area of fibre-reinforced plastics and their fabrication.

Fibreglass
Plastic Fabricating
Plastics Engineering Tech

Plastics Tech
Rubber and Plastic Products
Rubber Tech

307 Textile Processing Technology (Dyes)

Study of the processes of specialized dyeing of restricted areas on fabrics, involving the preparation of printing paste and the fixing of colour.

Dyeing
Textile Processing

Textile Science
Textile Tech

Building Technologies (308-317)

308 Boat, Shipbuilding and Naval Architecture

Program of study and training designed to provide trainees with the knowledge and skills required in the marine industry. The primary training consists of learning how to construct, maintain and repair craft built by various methods and driven by sails, oars or engines. Naval architecture is the study of the design of hull forms and structure, propulsors and external control systems and the hydrodynamic features of boats and ships.

Boat Building
Marine Steel Work
Naval Architecture and/or Ship Building

Shipbuilding
Shipwright

309 Building Technology

In general, building technology is the study and training related to the construction of houses, including their architectural and structural elements, their mechanical plumbing, draining and electrical systems. (This field overlaps to some extent with "334 Construction Technology" which deals more specifically with large-scale construction projects such as highrise buildings, bridges and roads.)

Building Construction
Building Maintenance
Building Tech

House Construction
Log Cabin Construction

310 Construction Electrician

Training program designed to supply skilled graduates for the electrical industries. Some of the specific skills include: splicing, soldering and insulating, basic wiring circuits; conductors and branch circuits; power-actuated tools; safety and regulatory requirements, troubleshooting and repair.

Construction Electrician
Electrical Apprentice
Electrical Construction
Electrical Wiring

Electrician
Electrician Industrial
Elevator Maintenance
Journeyman Electrician

311 Drywall, Plastering, Lathing

Training program designed for persons to be employed in the building construction industry. Specific aspects of the training include the installation of drywall, metal, plaster bath, stucco and other interior finishings in the construction of buildings.

Dry-wall
Lathing

Plastering

312 Heat and Insulation

Training program designed to provide trainees with job entry skills required for the installation service and of residential and office heating and insulation systems. Some of the specific areas of training includes the knowledge of conversion burners, gas and oil burners, solenoid valves, thermostats, gas meters, piping and vaporizers, propane cylinders and tanks, retrofitting heating systems and solar heat.

Asbestos Insulation
Combustion Tech
Furnace Making
Gas and Oil Heating
Gas Burner Mechanics

Heat and Insulation
Heating - Ventilation and Air Conditioning
Heating and Air Conditioning
Heating and Refrigeration
Heating and Ventilating

Heating (Tech)
Insulation

Oil Burner Mechanics
Oil Burner Servicing

313 Interior Finishing

Training program for persons employable in the building trade concerned with the completion of the interiors of houses and buildings. Specific aspects include carpet installation, floor covering, house painting, decorating, paper hanging and tile setting.

Carpet Installation
Carpet Laying
Floor Covering
House Painting
Interior Finishing

Painting - Construction
Painting and Decorating, Paper-hanging
Spray Painting
Tile Setting

314 Masonry (Brick, Stone, Concrete)

Training program to enable students to obtain employment in the masonry construction industry. Specific skills and techniques include: power tools, cutting and setting masonry, mortars, wall construction, piers, plasters, buttresses and reinforced concrete.

Brick and Tile
Brick Laying
Bricklaying and Stone Masonry

Cement Finishing
Concrete (Finishing)
Masonry (Construction)

315 Plumbing and Pipe Trade

Training program designed for persons seeking employment in the plumbing trade. Trainees learn how to assemble, install and repair pipes, fixtures and fitting used for water distribution and waste disposal for residential, institutional, commercial and industrial buildings.

Plumbing
Plumbing and Gas Fitting
Plumbing and Gas Heating
Plumbing and Heating

Plumbing and Pipe Fitting
Sprinkler Fitting
Steam Gas and Plumbing

316 Welding Technology

Training program designed to provide students with skills and knowledge required for employment in the welding field. Some specific techniques and process include fusion welding of ferrous and nonferrous metals; braze welding; oxyacetylene - fusion welding; carbon arc cutting and gouging, basic metal insert gas welding and the operation of wire feed equipment.

Arc and Gas Welding
Arc Welding
Certified Welding
Electric Welding
Farm Welding
Fitter Welder
Gas Welding
High Pressure Pipe Welding
Iron Work
Pressure Welding

Steel Fabrication
Structural Steel
Underwater Welding
Welder
Welder Fitter
Welding
Welding and Fabrication
Welding Engineering (Tech)
Welding Fitter
Welding Tech

317 Woodworking, Carpentry

Program designed to provide trainees with knowledge and skills necessary for employment in residential and commercial building construction. Specific skills include use of hand and power tools, setting frames, framing of walls, roofs stairs, properties of wood, restoration, renovation and repair of buildings and furniture.

Benchwork
Cabinet Making
Carpentry
Carpentry and Joinery

Carpentry and Woodwork(ing)
Construction Carpentry
Furniture Making and Refinishing
Joinery

Journeyman Carpentry
Machine Wood-working
Millwork and Carpentry
Precision Woodworking

Roofing
Wood Finishing
Woodwork(ing)

Data Processing and Computer Science Technologies (318-321)

318 Data Processing - General

Program designed to train students in the fundamental principals of electronic data processing. Some of the specific aspects of this training include data base construction and design, data communications, operating systems, specialized systems such as DOS/VSE, MS/DOS, UNIX System V, and VM/CMS.

Business Data Processing
Computer Data
Data Entry

Data Processing
Keypunch Operator

319 Computer Science Technology

Program designed to develop and scientifically-trained technologists with a background in computer systems and programming techniques, with and emphasis on digital hardware, knowledge of assemblers and high level languages for mini and micro computers; knowledge of peripherals and other auxiliary devices, understanding of digital data transmission.

Business Computers
Computer Electronics
Computer Engineering Tech
Computer Maintenance

Computer Operations
Computer System(s) Tech
Computer Tech
Computer(s)

320 Computer Programming and Software

Program designed to develop graduates who can function as applications programmer/analysts. Trainees receive specific instructions in areas such as systems development methodologies, programming techniques including, input/output, file handling, algorithms, flowcharting, subroutines, menu planning, segmentation systems commands, screen formatting, computations, data representation, data base concepts, system analysis and design; hardware and software relationships including main and secondary storage, program translation, and the architecture of processors and computer systems.

Business Computer Programming
Cobol Programming
Computer Graphics
Computer Languages
Computer Numerical Control Programmer
Computer Operations and Programming

Computer Programming
Computer Software
Data Programming
Programming
Scientific Computer Programming

321 Microcomputer and Information Systems

Program designed for persons seeking career opportunities in the operation of microcomputers. Specific applications in industry, business, and commercial operations include microcomputer-based accounting, recordkeeping, inventory and sales information control systems, and personal systems.

Business Information Systems
Computer Information Systems
Information Processing

Information Systems
Microcomputer Tech

Electronic and Electrical Technologies (322-327)

322 Electronic Technology

Program of study and training designed to produce highly trained electronic engineering technologists for private industry and government establishments. Some specific aspects of the training include circuitry, electronic devices, components, computers, communications automatic control, business and office electronic equipment maintenance and repair, radio and television repair, manufacturing and assembly line production, general electronic repair.

Data Electronics
Digital Electronics
Domestic Electronics
Electronic Engineer(ing) Tech
Electronic Tech
Electronics
Electronics Engineering (Tech)

Electronics Navigational Aids
Electronics Servicing
Electronics Tech
Electrotechnology
Industrial Electronic(s)
Marine Electronics
Technical Electronics

323 Electrical Technology

Program of studies and training designed to prepare trainees for employment as an electrical engineering technician. The program includes instruction in direct current circuits; residential, commercial and industrial wiring, electrical power, rotating machines, industrial electricity, computer aided design, programmable controllers, robotics and heavy electrical generating transmission distribution and motor equipment.

Armature Winding
Basic Electrical
Electric Maintenance
Electric Motors
Electric Power Systems
Electric Tech
Electrical
Electrical Appliance and Repair
Electrical Apprenticeship
Electrical Contractor
Electrical Control (Tech)
Electrical Engineer(ing) Tech

Electrical Entry
Electrical Equipment
Electrical Inspection
Electrical Instrumentation Mechanics
Electrical Maintenance and Construction
Electrical Mechanical Tech
Electrical Partsman
Electrical Systems
Electrical Tech
Electricity
Industrial Electrician
Marine Electrical

324 Microwave and Radar Technology

Study of the use of radar waves in applications such as weather observations and forecasts based on the scattering of radar waves by all types of atmospheric phenomena, and in radar astronomy which utilizes radar pulse techniques to track the movement of meteors, the moon, planets and earth orbiting satellites.

Microwave Engineering
Radar Operation

Radar Technology
Weather Radar

325 Radio and Television

Specialized program of studies and training providing trainees with the knowledge and skills required to maintain and repair radios and televisions. Trainees receive specific instructions in areas such as DC/AC electricity, audio systems, receiver servicing digital systems and distribution systems.

Audioengineering
Broadcast (Engineering Tech)
Commercial Radio
Radio and TV Tech

Radio Electronics
Radio Tech
Television Technician

326 Telecommunications Technology

A specific program of studies and training designed for telecommunications technologists who are taught skills and techniques to allow computers, terminals, word processors, copiers and telephones to be connected to provide users with the best mixture of processing power and distributed data resources.

City and Guilds
Communication(s) Electronic(s) Tech
Radio Operator
Telecommunication Engineering (Tech)

Telegraph (Tech)
Telephone Tech
Teletype
Wireless Telegraphy

327 Electronic and Electrical Technologies - Other

Other general and specific fields of electronic and electrical technology, such as audio visual technology, appliance repair, electrical power utilities, linesman.

Appliance Repair or Servicing
Audio Visual Tech
Electrical Electronics
Electrical Sound Control System
Electricity and Electronics
Electronic Assembly

Electronic Repair
Electronic Servicing
Linesman
Major Appliances
Small Appliance Repair

Environmental and Conservation Technologies (328-332)

328 Environmental Technology - General

A multidisciplinary program of study and practical applications of biological, chemical, geological and engineering principals towards an analysis of air and water quality and pollution, solid waste management and occupational health problems. Students are required to acquire analytical skills to detect pollutants in air, water, soil sediment and biological materials; and to know the legal and regulatory requirements for environmental protection.

Conservation Tech
Energy Systems
Environment Health Tech
Environmental Science Enforcement
Environmental Tech

Natural Resources
Pollution Control Tech
Resources
Sanitation

329 Earth Resources Technology

Program designed for persons seeking careers in the area of air, water, waste and noise management. Employment opportunities are available in provincial and federal government regulatory agencies, environmental consultants offices, pollution control, technical sales and public and private research enterprises.

Air and Water Resource Tech
Commercial Diving
Earth Resources
Land Resources and Classification

Natural Science Tech
Resource (Engineering Tech)
Water Resources (Tech)
Water Science(s) (Tech)

330 Forest Conservation Technology

Program designed for persons seeking employment in the area of forest conservation technology. Specific practices taught include fire prevention, pollution control, soil conservation and tree farming. (Cf. 359 Forest Products Technology)

Forest Conservation
Forest Fire Prevention

Resource Technician Forestry

331 Renewable Resource Technology

Training program designed to develop technologists with a background for entry into the growing renewable resources industry. This field covers energy conservation (e.g., solar energy, insulation etc.) and waste management and recycling.

Renewable Resources (Tech)

332 Wildlife and Fisheries Conservation

Program designed for persons seeking employment in the area of fisheries management, water quality assessment, wildlife management and environmental investigation and assessment, commercial and sport fisheries, big and small game, waterfowl and fur management.

Fish and Wildlife (Tech)
Fisheries Management

Wildlife Conservation Tech

General and Civil Engineering Technologies (333-339)

333 Civil Engineering Technologies - General

Training programs to provide students with the technical skills and knowledge required in the civil engineering and construction industries. Some specific aspects include: design, construction and maintenance of roads, pipelines, airports, subways, bridges, building, dams, railways, water and sewage treatment plants.

Civil Engineer(ing) Tech
Civil Technician

Civil Tech
Structural Engineering Tech

334 Construction Technologies

Program designed to prepare students for careers in the construction industry in positions such as construction analysts, site inspectors, surveyors and draftsmen. Studies include construction methods heavy equipment mechanics, surveying, planning, schooling, estimating, building laws and codes, reinforced concrete and structural steel.

Back-hoe
Bridgeman
Bulldozer Driver
Construction
Construction Engineer(ing) Tech
Construction Management
Construction Tech
Crane Operator
Dozer Operator
Equipment Operation

Estimating - Construction Trades
Fitter Mechanic
Front Loader Operator
Grader Operator
Heavy Duty Equipment Operator
Heavy Equipment Operator
Heavy Machine Operating
Hoisting Engineer
Rigger
Road Construction

335 Drafting - General

Program designed to provide trainees with the knowledge and skills necessary to obtain employment as a draftsman. Drafting is used by all fields of engineering to describe the size and shape of structures and the mechanisms to the workers who are to build, operate, service or repair them. Almost all current graduates in drafting have learned and applied new technologies associated with computer assisted drafting (CAD).

Blue Print Reading
Drafting (Tech)
Draughting
Engineering Drafting (Tech)

Industrial Drafting
Survey(ing) Drafting
Technical Drafting

336 Drafting - Specialized

More specialized program of instruction in drafting skills and knowledge, concentrating on specific applications or techniques includes design drafting, electrical drafting, mechanical drafting, process pipe drafting and structural drafting.

Cartographic Drafting
Cartographic Tech
Civil Drafting
Designer Drafting Tech
Drafting and Design
Electrical Drafting
Electro-mechanical Drafting

Machine Drafting
Mechanical Drafting (Tech)
Mechanical Drawing
Mechanical Engineering Drafting
Pattern Drafting
Process Pipe Drafting
Structural Drafting

337 Engineering Design and Instrumentation Technology

This field primarily refers to instrumentation technology. Instrumentation technology is the measurement and control of industrial processes using automatic equipment. Some of the specific aspects include: industrial chemistry and analytical process measurement, alarm and interlock systems, micro-processor technology, industrial electronics and plant engineering.

Design Mechanics
Electronic Instrumentation
Engineering Design
Industrial Instrumentation (Tech)
Instrument Tech

Instrumentation
Instrumentation Mechanic(s)
Instrumentation Tech
Mechanical Design
Precision Instrument Technician

338 Piping Technologies (Non-plumbing)

Pre-employment program designed for trainees to enter the steamfitting and pipefitting occupations. Trainees learn how to fabricate pipe fittings, install valves, lay out templates, and cut and thread pipe using both hand and power tools, including oxyacetylene cutting and electric arc welding equipment.

Gas Fitter
Pipe Fitter

Steam Fitter

339 Surveying and Photogrammetric Technology

Program designed to prepare students for employment as land surveyors, or survey technologists. Trainees are instructed in the processes required to determine property boundaries of houses and buildings, to take celestial observations, to determine the shapes of shorelines and to map water depths, to draw legal surveys and to operate computer programs designed to produce survey drawings and to operate electronic and photogrammetric instruments.

Drafting and Surveying
Geographical Surveying
Land Survey(ing) Tech
Legal Surveying
Photogrammetry

Property Mapping
Quantity Survey Construction Supervisor
Remote Sensing
Survey(ing) (Tech)

Industrial Engineering Technologies (340-348)

340 Industrial Engineering Technology - General

The majority graduates in this field are millwrights or industrial mechanics. The training program teaches students to set up and adjust machines, change tooling, maintain, repair and overhaul the machines used in the service, supply and process industries. Some specific applications include packaging machines used in filling, wrapping, canning and bottling plants.

Industrial Engineering Tech
Industrial Instrument Mechanics
Industrial Maintenance (Mechanics)
Industrial Mechanic Millwright

Industrial Mechanics
Manufacturing Engineer(ing) Tech
Millwright
Production Engineering Technology

341 Air Conditioning and Refrigeration

Program preparing engineering technician graduates skilled in the design, testing, manufacture, installation and servicing of refrigeration and air conditioning equipment. Students learn the fundamentals of air conditioning, heat control and refrigeration, automatic control, compressors, gauge manifolds, condensers and pumps, evaporators, refrigerant controls and thermostats.

Air Conditioning Tech

Refrigeration

342 Clothing/Fabric Product Manufacturing

The majority of graduates in this field are specialists in tailoring. This program is designed to train students in the fundamentals technology of clothing construction and the art of fitting.

Clothing Manufacturing
Clothing Technology

Cutter - Textiles
Tailoring Technician

343 Machinist/Machine Shop

Program designed to provide instruction and practical experience in the areas of machinist technical training, supplemented by courses in blueprint reading, trade math, quality control, C N C machining, A P thread cutting, radial drill press operation, tool and cutter grinding, foundry work and other production machine setups and operations.

Gunsmithing
Lathe Operation

Machine Shop
Machinist

344 Pattern Making

Includes both Pattern and Mould Making programs of instruction to provide trainees with the skills and knowledge related to pattern and/or mould making. Pattern making typically utilizes fabricated wood or metal products to be used as moulds in foundry operations. Mould making employs a number of techniques derived from machine tools such as engine lathes and radial drill presses.

Mould Making

Pattern Making

345 Power Sewing

Training program for sewing machine operators in the use of power sewing equipment.

Power Sewing
Sewing Machine Mechanic(s)

Sewing Machine Operator

346 Sheet Metal

Training program designed for students seeking employment in the sheet metal industry. Some of the skills taught include design layout, fabrication and installation of distribution ductwork, metal roofs, flashing, gutters, eavestroughs, metal siding, cladding, ceilings, skylights, store fronts, signs, counters, canopies, conveyor systems, dust collecting systems, heating and air conditioning systems, ornamental and custom products.

Copper-smithing
Metal Work

Sheet Metal
Tinsmithing

347 Tool and Die

Training program designed for persons seeking entry into the tool and die making trade. Tool and die is employed in the production of components used to manufacture other objects. These components include cutting tools, jigs and fixtures, dies, gauges, and other products machined to very fine tolerances.

Machine Tool
Tool and Die (Maker)

Tool Making

348 Industrial Technologies - Other

Other specific industrial technologies such as glazier, materials engineering, technology, partsman, robotics, quality control and warehousing.

Fork-lift Operating
Gas Plant Operations
Glazier
Industrial Tech
Lead Burner
Manufacturing Tech
Materials Engineer(ing) (Tech)
Material(s) Management
Non-destructive Testing

Partsman
Process Operations
Production Planning and Inventory Control
Quality Control
Robotics Tech
Saw Filer Fitter
Saw Sharpening and Repair
Warehousing

Mechanical Engineering Technologies (349-358)

349 Mechanical Engineering Technology - General

Program designed to provide trainees with the knowledge and skills required for employment as a mechanical engineering technologist. The program includes engineering drawing, science, mechanics and statics, mechanics of materials, metallurgy, materials science, fluid mechanics, manufacturing processes and operations, computer aided drafting.

Electro-mechanical Engineer(ing) (Tech)
Maintenance Mechanics
Mechanical
Mechanical Assembly
Mechanical Design Tech

Mechanical Engineer(ing) Tech
Mechanical Repair
Mechanical Tech
Mechanics
Motive Power Tech

350 Aeronautical Engineering Technology

The majority of graduates in this field reported "Aircraft Engineering". This field covers both the aviation and the technical engineering aspects of aeronautics.

Aeronautical Engineering Tech
Aeronautical Tech
Aerospace Engineering Tech
Aircraft Engineering

Aircraft Sheet Metal
Aviation Tech
Avionics Tech
Helicopter Engineering Tech

351 Agricultural Equipment Mechanics

Program designed for graduates pursuing careers in the field of farm equipment service and which could lead to an Agricultural Mechanic's license. The training provides students with a comprehensive knowledge of the construction and functions of farm machines and their basic maintenance and repair operations. The program also includes knowledge of the objectives, economics and operation of farm machinery dealership.

Agricultural Equipment (Tech)
Agricultural Machinery (Tech)
Agricultural Mechanics

Farm Equipment (Mechanics)
Farm Machinery Mechanics

352 Aircraft and Flight Mechanics Technology

Program designed to provide the trainee with the job entry skills required to check, remove, repair, install and adjust the major mechanical components of fixed wing and rotary wing aircraft. The training for aircraft mechanics includes knowledge of aerodynamics, metallurgy, airframe components, sheet metal, plastics, piston engines, turbine engines, hydraulics, flight control instruments and overall maintenance procedures and regulations.

Aircraft Engines
Aircraft Maintenance Engineer(ing) (Tech)
Aircraft Mechanics
Aircraft Repair

Aircraft Tech
Air Frame Tech
Aviation Mechanics

353 Automobile Mechanics Technology

Usually a pre-employment program designed to provide trainees with the skills and knowledge necessary for employment in the motor vehicle maintenance and repair trade. Includes auto body repairs. Some typical elements of the training includes basic shop practice and the use of tools, service manuals and oxyacetylene equipment, knowledge of engine components and cooling system, steering and suspension, braking system, power trains, fuel systems, electrical systems and basic troubleshooting.

Auto Body (Repair)

Auto Mechanic(s)

Service Tech

Tech

354 Heavy Equipment Mechanics

Pre-employment training program designed to provide graduates with job-entry skills for industries, primarily construction, coal, mining and agriculture, employing heavy equipment. Trainees learn to service and repair bulldozers, loaders, scrapers, backhoes, graders and other types of heavy equipment. (Cf. 334 Construction Technology)

Diesel Mechanics

Heavy Duty (Equipment) Mechanics

355 Marine Mechanics Engineering

Program designed to provide trainee with the fundamental knowledge and skills required to check, remove, repair, install and adjust the major mechanical components of commercial and recreational fishing boats commonly used in Canadian waterways. Training includes knowledge of marine engines, electrical components, hydraulics, propulsion, sails and steering gear, deck machinery and auxiliary machinery.

Marine Diesel (Mechanics)

Marine Mechanics

356 Office/Business Machine Technology

Courses of study aimed at providing graduates with proficiency in operating, servicing and repairing office or business machines such as typewriters, calculators, word processors, microcomputers, photocopiers, fax machines, local area networks, telephone answering and switching devices, intercoms, etc.

Electronics - Business Equipment

357 Small Engine Repairs

Program designed to provide trainees with proficiency in repairing small engines, equipment or motors. These include lawn and garden equipment (e.g., lawn-mowers or rotor-tillers), chain-saws, motorcycles and all-terrain vehicles, outboard motors, snow-blowers, grain auger engines and other miscellaneous small equipment and engines.

Small Engine Repair

358 Power/Stationary Equipment Technology

Program designed to train persons for employment in electrical power generating plants, both conventional and nuclear, in industrial power plants supplying energy in the form of heat or electricity, in the power plants of large institutions or buildings such as hospitals, large businesses, commercial buildings, educational institutions, government buildings, or on board ships in engine rooms.

Boiler Making

Operating Engineer

Power Engineering Tech

Stationary Engineer(ing)

Steam Engineer(ing)

Primary Industries/Resource Processing Technology (359-362)

359 Forest Products Technology

(Cf. 330 Forest Conservation Technology) Program designed to provide trainees with skills to enter the forestry products industries. Graduates typically work in field operations involving timber inventory, protection, harvesting or reforestation. Employment opportunities exist in both the public and private sectors. Training includes courses on geology and soils, forest measurement, topographic drafting, wildlife biology, botany, ecology and fire control.

Forest Products Tech
Forest Resource(s) (Tech)
Forest Tech
Forestry Tech
Logging
Lumber Grading
Millwork

Paper-making Technology
Plywood Lumber Technician
Pulp and Paper (Tech)
Saw Mill Operation
Scaler
Skidder Operator
Wood Tech

360 Mining and Metal Processing

Program designed to provide trained technologists for the mining and metal processing industries. Courses include geology, geophysics, geochemistry, surveying, sampling, assaying, mine planning, blasting, concentrator operations, and mineral processing.

Blasting
Diamond Drilling
Drilling
Explosives
Foundry
Geological Engineering Tech
Hoistman - Mining

Metal Fabricating
Metallurgical Engineering Tech
Mineral Tech
Mining
Mining - Nickel
Mining Engineer(ing) Tech
Mining Tech

361 Petroleum Technologies

Program of theoretical and applied training in petroleum (oil and gas) drilling, production, formation evaluation and reservoir engineering. Trainees are taught the use of Computer Aided Engineering (CAE) and Drafting (CAD), digital drilling and blowout prevention, simulators, reservoir rock and fluid properties evaluation.

Gas Technology
Hydrocarbon Engineering Tech
Natural Gas and Petroleum
Petroleum

Petroleum Engineering Tech
Petroleum Land Management
Petroleum Resources and Land Management
Petroleum Tech

362 Primary Industries/Resource Processing Technologies - Other

This field includes persons who reported "well drilling" as their major field of study or training. Well drilling is a specific application of petroleum technologies, but could also be a reference to water well or artesian well drilling.

Well Drilling

Transportation Technologies (363-368)

363 Transportation Technology - General

This field refers to persons who reported "Transportation" or "Transportation Technology" without elaborating as to whether the means of transport were air, marine, motor, or rail.

Shipper
Transportation

Transportation Planning Technology
Transportation Technology

364 Air Transportation Technology

(Cf. 350 Aeronautical Engineering Technology and in particular its Aviation component.) This field relates to training in aviation transport or air pilot training. It also includes persons who reported "air traffic control". Graduates are trained for entry-level positions for major Canadian and international airlines or small charter airlines, executive or corporate flying, flight instruction and air traffic control. Graduates are eligible to write the Ministry of Transport's License and Instrument Rating examinations.

Air Stewardess Training	Flight Service
Air Traffic Control	Flying
Air Transport Technology	Helicopter Pilot
Aircraft Pilot Training	Pilot - Air
Aviation	Pilot Training
Aviation and Flight Technology	Pilot's License
Aviation Pilot Training	Private Pilot's License
Flight Attendants	

365 Marine Transportation Technology

Training program designed for persons seeking employment as navigating officers in the Canadian merchant marine, or as officers on fishing vessels or other commercial/recreational craft or in the inshore and deep sea fishing industries. Graduates are instructed in skills related to shipbuilding, communications, seamanship, meteorology, oceanography and navigation.

Captains Ticket Navigation	Minor Waters
Deck Hand	Nautical Science
Deep Sea Master	Nautical Training
First Mate	Navigation
Industrial Marine Rigging	Navigation Marine
Marine Captains Course	Navigation Officer
Marine Emergency Duties	Ocean Navigation
Marine Master	Rigging
Marine Navigation (Tech)	Sea Captain
Marine Rigging	Seaman's Training
Marine Transportation (Tech)	Seamanship
Master - Foreign Going	Second Mate
Mate - Watchkeeping	Watch Keeping (Mate)
Mates Ticket	

366 Motor - Commercial/Public Vehicle Transportation

Pre-employment training program for truck and transport drivers, bus drivers and other motor carrier operators. Trainees receive instruction in basic knowledge of trucks, trailers, bodies and equipment used in motor transportation, preventive maintenance, safety, pre-trip instruction, laws and regulations covering equipment, loads and drivers.

Bus Driver Training	Transport Driving
Class A Driver	Transport Equipment Operating
Heavy Transport	Truck Driving
Semi-Truck Driver	Trucking
Tractor-Trailer Driving	

367 Motor - Other Motor Transportation

This field refers to persons trained to provide driver training instruction to beginning students.

Driver Education	Driving Instructor
Driver Training	Motor Vehicle Instruction

368 Rail Transportation Technology

Training provided for persons employable as locomotive or train engineers, or in other occupations related to rail transportation.

Engineer - Locomotive or Train
Rail Road Maintenance
Rail Transportation (Tech)

Railway Engineer
Railway Signal Training
Train Conductor

Other Engineering/Applied Science Technologies, n.e.c. (369)**369 Engineering/Applied Science Technologies-Other**

Residual category of fields of study or training in the engineering and applied sciences technologies and trades. Includes general engineering technology and industrial arts.

Blacksmith(ing)
Diving Deep Sea - Commercial
Electroplating
Engineer(ing) Tech
Industrial Art(s)
Industrial Laboratory Tech
Janitorial Service
Locksmithing
Maintenance Engineering

Painting Tech
Technical
Technical Trades
Technician
Technician Engineering
Technology
Trades
Vocational (Training)

HEALTH PROFESSIONS, SCIENCES AND TECHNOLOGIES (370-441)

Dentistry (370)

370 Dentistry or Dental Medicine

Professional studies in the branch of medical science dealing with the prevention, diagnosis and treatment of diseases and disorders of the teeth and adjacent tissues and the restoration of missing dental structures.

Dental Medicine
Dental Surgery
Dentistry
Oral and Maxillofacial Surgery
Oral Maxillo Facial Surgery

Oral Pathology
Oral Surgery
Orthodontics
Periodontics

Medicine - General (375)

375 General Practice Medicine

Professional studies consisting of knowledge, skills and personal qualities required to identify, analyze and manage clinical or health problems in order to provide efficient, effective and humane patient care. Medical training entails a broad range of knowledge covering subjects such as biochemistry, anatomy, nutrition, pharmacology, microbiology, physiology and pathology and the development of skills in the areas of critical appraisal, clinical information and self-directed learning.

Family Medicine
Family Practice Medicine
General Medicine
General Practice (Medicine)

Internal Medicine
Medical Doctor
Medicine
Medicine - General Practice

Medicine - Basic Medical Science (376-383)

376 Medical Anatomy

Specialized discipline dealing with the study of the evaluation of the human anatomy and the structure and functions of living organisms. Some of the specializations within this discipline include gross or macroscopic anatomy, microscopic anatomy or histology, neuroanatomy, developmental anatomy or embryology.

Anatomical Pathology
Anatomy

Anatomy Physiology
Human Anatomy

377 Medical Biochemistry and Medical Biophysics

Specialized medical discipline dealing with the biochemical mechanisms underlying disease processes and the medical aspects of the biophysical structures and functions of the human body. (Cf. 245 Biophysics)

Medical Biochemistry
Medical Biophysics

Medical Physics

380 Medical Neurophysiology

Specialized medical discipline dealing with the structure and functions of the nervous system.

Medical Neuroanatomy
Medical Neurophysiology
Neuro Biology

Neurological Physiology
Neurophysiology

381 Medical Pharmacology

A broadly based and integrative sub-discipline of biology dealing with the detection, measurement and analyses of properties of chemical compounds and their interactions with living systems. Includes the study of drug actions, drugs as therapeutic agents, pharmaceuticals, pollutants and poisons in the natural and social environment.

Neuropharmacology

Pharmacology

382 Medical Physiology

Branch of biological and medical sciences dealing with the basic activities occurring in cells and tissues of living organisms and their chemical and physical processes.

Clinical Physiologist

Exercise Physiology

Human Physiology

Medical Physiology

Physiology and Sports Medicine

383 Basic Medical Sciences - Other

Other specialized basic medical sciences including medical embryology and genetics endocrinology, and medical research and science.

Biomedical Science

Endocrinology

Human Genetics

Medical Genetics

Medical Research

Medical Science

Toxicology

Medical Specializations (Non-surgical) (384-388)**384 Neurology**

Study of the anatomy, physiology and disorders of the nervous system.

Neurology

Neuropathology

Neuroscience

385 Paediatrics

Specialized study in the branch of medicine dealing with the growth and development of the child from infancy through to adolescence and the care treatment and prevention of diseases, injuries and defects of the child.

Medicine Pediatrics

Paediatrics

Pediatrics

Pediatrics Medicine

386 Psychiatry

Studies and training in the medical science dealing with the origins, diagnosis and treatment of mental and emotional disorders. The training includes inpatient and outpatient experience, emergency psychiatry, liaison psychiatry, child psychiatry, community psychiatry, psychotherapies and psycho-pharmacology.

Medicine Psychiatry

Psychiatry

387 Radiology

Studies in the medical science dealing with radioactive substances, x-rays and other ionizing radiation and the application of radiological principals to the diagnosis and treatment of diseases. Some special techniques in this field include diagnostic imaging, radiopharmaceutical preparation and the use of medically useful nuclides, positron emission tomography, ultrasound and computer assisted tomography.

Medical Radiography

Medical Radiology

Nuclear Medicine

Radiology

388 Medical Specializations (Non-surgical) - Other

Other medical specializations such as anaesthesiology, dermatology, geriatrics and kidney disease.

Anaesthesia
Anaesthesiology
Dermatology

Geriatrics
Kidney Disease

Paraclinical Sciences (390-393)

390 Medical Immunology

The study of the vertebrate responses to exposure to foreign or infectious microorganisms and the development of vaccines to combat infections. The study also deals with topics such as graft rejection, genetic elements as templates for the synthesis of molecules, the immune response, antibodies, biomolecules, the generic and specific aspects of the body's response to invasion and the process of self and non-self recognition.

Immunochemistry

Immunology

391 Medical Microbiology

The study of microorganisms such as bacteria, viruses, fungi, protozoa and some classes of algae through the use of conventional and powerful electron microscopes.

Medical Microbiology

Microbiology and Immunology

392 Medical Pathology

A subspecialty of laboratory medicine dealing with the study of the causes, nature and effects of diseases and other abnormalities.

Experimental Pathology
Medical Pathology

Medicine Pathology
Pathology

393 Medical Parasitology, Virology and Bacteriology and Other Paraclinical Science

Parasitology is a subfield of medical microbiology which studies the relationships between human hosts and parasites which live in or on them. Virology is the study of submicroscopic organisms called viruses. Bacteriology is the science and study of bacteria.

Parasitology

Virology

Surgery and Surgical Specializations (394-398)

394 Surgery - General

A specialized subfield of medicine concentrating upon the manual or instrumental treatment of injuries, diseases or other disorders. Specific aspects include cardio-vascular and vascular surgery.

Surgeon

Surgery

395 Obstetrics and Gynaecology

Specialized subfield of surgical medicine dealing with pregnancy, labour, the puerperium or childbirth, high-risk pregnancy, fetal monitoring. Gynaecology is a medical speciality dealing with diseases of women affecting the sex organs.

Gynaecology
Medicine Gynecology

Obstetrics
Obstetrics and Gynecology

396 Orthopaedic Surgery

Subfield of surgical medicine dealing with corrective treatment of musculoskeletal deformities, diseases and ailments by means of manual and instrumental measures.

Orthopaedic Surgery
Orthopedic Surgery

Orthopedics

398 Surgical Specialties - Other

Other specialized subfields of surgical medicine, the primary field in terms of graduates in the 1986 Census being ophthalmology.

Cardiology (Medicine)
Heart Surgery
Medicine Surgery
Neurosurgery
Ophthalmology

Otolaryngology
Plastic Surgery
Podiatry
Thoracic Surgery
Urology

Nursing (399-406)

399 Nursing - General

Program of studies and training designed to prepare graduates to assist in meeting the preventive, curative and rehabilitative needs of individuals in all age groups. Nursing training includes clinical experience and classroom study in a wide variety of applications. Areas within which nurses receive specialized training include, medical office practice, surgical, geriatric, paediatric, psychiatric and obstetrical.

Health Sciences Nursing
Medicine Nursing
Nurse Practitioner
Nursing
Nursing - Post Registered Nursing

Nursing Science
Practical Nursing
Registered Nurse
Science and Nursing
Science in Nursing

402 Medical, Surgical Hospital Nursing

Specialized or in some cases a post-diploma program for nurses interested in acquiring advanced skills in surgical or hospital nursing. Graduates are able to function as technical assistants in surgery and to provide nursing care to patients undergoing surgery.

Medical Nursing
Operating Room Nursing

Surgical Nursing

403 Obstetric Nursing

Specialized program of nursing studies directed toward defining the role of the nurse with regard to the expectant family or mother prior to, during and after delivery. The focus is on health supervision and anticipatory guidance during the maternity cycle.

Midwifery
Neo Natal Intensive Care Nursing
Nurse Practitioner Midwifery

Nursing Obstetrical
Obstetric Nursing

404 Psychiatric Nursing and Mental Health Care

Specialized nursing program designed to provide basic preparation to assist and to administer to people of all ages who have mental health problems or who are mentally retarded. Psychiatric nurses are trained to recognize the role of psychosocial stressors as they relate to mental health problems of the patient and the family and to engage in the prevention, restoration and maintenance of the mental health of patients.

Mental Health Nursing
Nursing Psychiatry

Psychiatric Nursing
Psychological Nursing

405 Public Health and Community Nursing

Post-diploma program for graduate nurses interested in specializing in community health nursing or in pursuing careers in public health.

Community Health Nursing
Community Nursing
Nursing Community Health

Nursing Public Health
Public Health Nursing

406 Nursing - Other

Other specialized nursing programs such as critical care, geriatric nursing, extended care, occupational health and paediatric nursing.

Anatomy Nursing
Critical Care Nursing
Extended Care Nursing
Geriatric Nursing
Intensive Care - Nursing

Long Term Care Nursing
Nursing - Geriatrics
Occupational Health Nursing
Pediatric Nursing
Pre-hospital Care

Nursing Assistance (407-410)

407 Nursing Assistant, Assistant Nursing

Certificate program designed to provide trainees with the skills to give nursing care to ill and convalescing patients and those requiring custodial care, to assist with the care of acutely ill patients in hospitals, nursing homes, rehabilitation centres and in the community, working under the supervision of registered nurses and/or physicians.

Assistant Nurse
Certified Nursing Assistant
Licensed Practical Nurse
Nursing Assistance

Nursing Assistant
Nursing Practical
Registered Nursing Assistant

408 Health Care Aid/Support

Program designed to train nursing support personnel to assist hospitalized or ill patients by promoting self-acceptance, self-esteem, dignity and by providing opportunities for recuperative or rehabilitative activities.

Handicapped Services
Health Care
Health Care Aide
Health Care Support
Health Care Worker
Home Care
Home Health Aid
Home Making and Home Nursing

Home Nursing and Home Making
Home Support Worker
Home-Makers and Care
Homecare
Resident Care Worker
Residential Care (Worker)
Special Care Aide

409 Long Term Care Aide

Program designed to provide students with instruction necessary to care for the physical, emotional and social needs of long term care residents. Although this program is directed to all age groups, special emphasis is placed on problems of the elderly and to assist them with meals, nutrition and daily activities.

Extended Care
Geriatric Aide
Geriatric Assistance
Geriatric Nursing Aide Program

Geriatrics - Care of the Aged
Long Term Care
Long Term Care Aide
Long Term Care Home-Maker

410 Nursing Aide, Orderly

Program designed for health personnel to act as auxiliaries to registered nurses. Orderlies are trained in emergency procedures, advances first aid training, orthopaedic equipment and care, scrubbing and sterilization, cardiac life support, geriatrics and other related topics.

Certified Nursing Aide
Hospital Orderly
Nurse's Aide
Nurses Aide and Home Makers
Nursing Aide

Nursing Orderly
Orderly
Registered Nurses Aide
Ward Assistant or Aide

Optometry (411)**411 Optometry**

Professional program qualifying graduates to apply for registration as practising optometrists. The program includes a background in general medical and health science and specialized knowledge of visual science, physiological optics and other topics, related to the science of ascertaining the refractory power and visual range of the eye.

Optometry

Pharmacy and Pharmaceutical Sciences (412-413)**412 Pharmacy**

Professional program of studies intended for persons succeeding toward the practice of pharmacy or toward further academic research in the science of pharmacy. A major aspect of the current training is the theory and practice of pharmaceutical dosage forms, patient medication profiles in the dispensing of prescriptions and the computerized management of a dispensary.

Clinical Pharmacy
Pharmacist
Pharmacy
Pharmacy Assistant

Pharmacy Science
Science and Pharmacy
Science Pharmacy

413 Pharmaceutical Sciences/Technology

(Cf. 412 Pharmacy - Note: The terms pharmaceutical science and pharmacy are for all intents and purposes interchangeable; however, this category is maintained to record persons who reported pharmaceutical science, as well as those who reported pharmaceutical or pharmacy technology.) Professional program designed to prepare graduates to practice pharmacy in community pharmacies, hospitals, industry, government, and research establishments.

Pharmaceutical Chemist
Pharmaceutical Chemistry
Pharmaceutical Science

Pharmaceutical Tech
Pharmaceutics
Pharmacy Tech

Public Health (414-418)**414 Public Health**

(Including Preventive Medicine and Veterinary Public Health) Studies in public health and related medical and administrative aspects.

Health Services
Health Studies
Preventive Medicine

Public Health
Public Health Inspection
Veterinary Public Health

415 Community Medicine and Health

Studies in community medicine and health and related medical and administrative aspects.

Community Health
Community Health Representative
Community Health Services Worker

Community Health Work(er)
Community Nutrition
Public Health Nutrition

416 Dental Public Health and Hygiene

(The vast majority of graduates in this field reported Dental Hygiene.) Program designed for persons seeking careers as dental hygienists employable in a variety of settings, including private dental offices, local government offices and schools, provincial and federal government departments, industry, hospitals, the armed forces and schools of dental hygiene.

Dental Hygiene
Dental Hygienics

Dental Hygienist

417 Epidemiology and Biostatistics

The study of epidemics or mass-scale disease from the perspective of statistical distribution, biostatistics, toxicology, occupational health and community health.

Biostatistics
Community Health and Epidemiology

Epidemiology
Health Care and Epidemiology

418 Industrial Health Medicine and Hygiene

The majority of referents in this field was "Industrial First Aid".

Accident Prevention
Environmental Health
Environmental Toxicology
Industrial First Aid
Industrial Health

Industrial Hygiene
Occupational Health
Occupational Health and Safety
Public Health and Pollution Control
Radiation Protection Technology

Rehabilitation Medicine (421-424)

421 Rehabilitation Medicine - General

Both a professional and paraprofessional program of studies concerned with training personnel and professionals to restore mentally, physically or emotionally disabled persons to their maximum level of function and independence. The types of settings in which rehabilitation medicine is practiced include developmental day care, hospitals, residential, recreational, vocational and educational services.

Medical Rehabilitation
Rehabilitation
Rehabilitation Medicine

Rehabilitation Practitioner
Rehabilitation Services

422 Audiology and Speech Pathology and Therapy

Training program designed for clinical audiologists and speech-language pathologists to work in hospitals, clinics, private agencies, schools and health units to provide the communicatively impaired person with professional services. The study involves knowledge of the physiological and psychological organization of language, and other aspects such as phonetics, phonology and semantics.

Audiology
Audiology and Speech Pathology
Communication Disorders
Communicative Disorders
Hearing Impairment

Speech Language Pathology
Speech Pathology
Speech Pathology and Audiology
Speech Science
Speech Therapy

423 Occupational and Physical Therapy

Occupational therapy is a training program for professionals and other staff to deliver and implement rehabilitative programs for persons injured or disabled in their jobs. Physical therapy is a training program for health service personnel to restore health and activity to injured or disabled persons. Some of the techniques entail the use of heat, water, cold, ice, sound and electricity as well as assistive devices and artificial limbs.

Music Therapy
Occupational Therapy
Physical and Occupational Therapy
Physical Therapy

Physio - Occupational Therapy
Therapeutic Recreation
Therapy

424 Physiotherapy

(NOTE: Physiotherapy is an alternative term to Physical Therapy; graduates recorded in this category are persons who cited entries under Physiotherapy or its elements.) Program of studies designed to train persons eligible to practice as licensed physiotherapists in a variety of settings, including hospitals, rehabilitation centres, extended care units, special schools, local government agencies, industrial health units, sports clubs and private clinics.

Athletic Therapist
Physio Therapist

Physiotherapy
Science Physiotherapy

Medical Laboratory and Diagnostic Technology (425-429)

425 Medical Laboratory Technology

Program of studies and training enabling graduates to be eligible for certification as a registered laboratory technologist. The training includes the learning of procedures to provide physicians with information used to evaluate patients health status and to monitor their clinical progress, some of these procedures are performed in a variety of clinical specimens including, blood, tissues and bodily fluids, utilizing conventional and advanced laboratory equipment.

Laboratory Technology Medical
Medical Laboratory
Medical Laboratory Assistant
Medical Laboratory Science

Medical Laboratory Tech
Medical Tech
Registered Medical Laboratory Technology

426 Biological Laboratory Technology

Program designed to prepare competent technicians and cytotechnologists in the field of biological laboratory science and technology. Program includes training in use of analytical, physiological and recording instruments directed to the analysis of plant, animal and microbial activity and processes. Graduates in this field are typically employed in federal and provincial research and experimental bodies, university departments, oil and chemical industrial laboratories, fish, wildlife and outdoor recreation facilities and in the agricultural industry.

Biological Laboratory Tech
Biological Sciences Tech
Biological Tech

Cytotechnology
Histology Tech

427 Biomedical Electronic Technology

Training program designed to prepare competent technologists capable of operating, maintaining and repairing electronic equipment used in medicine and biology. Such equipment may include patient monitors, electroencephalographs, defibrillators, electrosurgical units, telemetry devices, x-ray machines and ultrasound. Biomedical electronic technologists are employed primarily in hospitals, clinics, research agencies as well as in the sales and repair departments of medical equipment supply companies.

Biomedical Electronic Tech

Biomedical Electronics

428 Dental Laboratory Technology

Technical training program for persons eligible to become licensed or registered dental laboratory technicians operating as a member of the dental health team. The technician is trained to provide services to dentists by constructing a variety of devices to repair, replace or straighten teeth of patients whose natural teeth are broken, missing or require repositioning.

Dental Ceramist
Dental Laboratory Tech
Dental Mechanics
Dental Tech

Denture Technology
Denture Therapy
Denturist

429 Radiological Technology

Technical training program for medical paraprofessionals specialized in the techniques of producing on x-ray film the necessary information required by the radiologist to make a medical diagnosis. Some of the specific procedures learned include radiography, fluoroscopy and cinefluorography.

Diagnostic Radiology
Diagnostic Radiology Tech
Medical Radiological Tech

Radiological Tech
Radiology Tech

Medical Treatment Technologies (431-439)

431 Chiropractic Technology

Professional program of studies enabling graduates to practice chiropractic effectively and safely. Training includes understanding the patho-physiology of the spine and related anatomical structures and how normal and abnormal spinal mechanics are related to the rest of the body. The program usually contains both an undergraduate and post-graduate component.

Chiroprapist
Chiropractic

Chiropractics
Chiropractor

432 Dental Assistant

Program preparing students to carry out the duties of a certified or licensed dental assistant, whose prime responsibility is to perform necessary duties ranging from patient reception through general office and record-keeping procedures to chair-side assistance and taking and processing dental x-rays. Dental assistants are employed in private dental offices, clinics, hospitals, educational institutions and with dental product manufacturers.

Certified Dental Assistant
Dental Assistant
Dental Assisting

Dental Technician
Dental Therapy

433 Emergency Paramedical Technology

Program designed to prepare persons able to provide emergency care to victims of accident or illnesses and to protect them from further injury during transportation by ambulance. Instruction is given in CPR, treatment of wounds, management of fractures, head injuries, back injuries, emergency childbirth, radio communication and emergency driving.

Ambulance and Emergency Care
Ambulance and Emergency Medical Care
Ambulance Assistant
Ambulance Care
Emergency Care
Emergency Care Assistant
Emergency Medical Technician

Emergency Medicine
Emergency Paramedical Technology
Emergency Patient Care
EMT
First Aid (Emergency)
Paramedic

434 Mental Health and Retardation Technology

Training program designed to provide basic competency in program planning counselling, administration and direct care for mentally handicapped or retarded persons. Trainees are taught subjects such as case management, interviewing, pharmacology, multiple handicaps, behaviour modification and field practice.

Mental Health
Mental Retardation

Mental Retardation Worker
Mentally Retarded

435 Respiratory Technology

Training program usually affiliated with hospitals providing theoretical and practical instruction and clinical experience required to prepare students for national registry examinations of the Canadian Society of Respiratory Technologists. Training in this field includes procedures for dealing with patients with heart and lung disorders such as arterial analysis, ventilatory therapy, airway management, pulmonary function and cardiac monitoring.

Inhalation Therapy
Respiratory Tech

Respiratory Therapy

436 Ultrasound and Ultrasonography

Advanced medical paraprofessional training program designed to enable graduates to be eligible to write standard registry examinations for Diagnostic Medical Sonographers. Training includes theoretical and clinical instruction in ultrasound, a new medical technology utilizing high frequency sound waves transmitted and reflected through various body parts and allowing for the imaging of organs and fluid collections within the body.

Ultrasonography
Ultrasound

Ultrasound Tech

437 X-ray Medical Technology/Radiography

Training program providing practical instruction and clinical experience to prepare graduates for eligibility to be nationally certified by the Canadian Association of Medical Radiation Technologists. The primary technique is the use of ionizing radiation to produce radiographs or x-rays to assist in the diagnosis of disease or traumatic conditions.

Certified Combined Tech
Diagnostic Radiography Tech
Diagnostic X-ray Tech
Laboratory and X-Ray Tech

Medical X-ray Tech
Radiography
X-ray Program
X-ray Tech

438 X-ray-Radiotherapy/Nuclear Medicine

Specialized training program providing both theoretical and practical instruction required to be eligible to become Radiation Therapy Technologists or Nuclear Medicine Technologists by passing registry examinations administered by the Canadian Association of Medical Radiation Technologists. This type of therapy uses ionizing radiation dispensed from high energy x-ray machines called linear accelerators. Radioactive materials utilized include cobalt and cesium.

Medical Radiation Tech
Nuclear Medicine Tech
Radiation Oncology Tech
Radiation Technology

Radio-therapy
Radiotherapy
Radiotherapy Tech

439 Medical Treatment Technologies - Other

Other specialized medical treatment technologies, not elsewhere classified such as cardio-pulmonary resuscitation (CPR), cardiology technology and electrocardiograph technology.

Cardio-pulmonary Resuscitation
Cardiology Tech

Electrocardiograph Tech

Medical Equipment and Prosthetics (440)

440 Medical Equipment and Prosthetics

Specialized health and medical technology fields dealing with medical equipment and prosthetics. Includes opticians and optical technologists, operating room technologists.

Dispensing Optician
Operating Room Technology
Optical (Laboratory) Tech
Optician

Orthotics
Prosthetics Tech
Prosthetics Orthotics

Other Health Professions, Sciences and Technologies, n.e.c. (441)

441 Health Professions, Sciences and Technologies, n.e.c. - Other

Other not elsewhere classified health professions, sciences and technologies such as acupuncture, medical security, medical terminology and sports medicine.

Acupuncture
Health
Health Field
Homeopathy
Masseur
Medical
Medical Field
Medical Security

Medical Support Services
Medical Terminology
Pre-health Sciences
Pre-med
Science Health Studies
Sports Medicine
Sterilization Technique

MATHEMATICS AND PHYSICAL SCIENCES (442-480)

Actuarial Science (442)

442 Actuarial Science

Study of the application of mathematics and statistics to evaluate the impact of loss or declines of income through death, disability or retirement, or loss of property through fire, collision, theft or other casualties. Actuarial techniques attempt to forecast and value the expected total benefits that will be provided to participants of life, health, property insurance and employee benefit programs.

Actuarial and Business Math
Actuarial Mathematics

Actuarial Science

Applied Mathematics (443-447)

443 Applied Mathematics - General

The study of the application of the principles of mathematics for the purpose of facilitating the description, analysis and solution of scientific, industrial or engineering problems. This field covers areas ranging from the study of supersonic flow, ocean waves, the structure of space-time and the properties of atoms and molecules expressed in mathematics form.

Applied Math

Applied Mathematics

444 Computer Science - General

The study of the theory, organization and application of computers to process information. Specific topics include the study of computer languages, the formulation of efficient algorithms, the design of file structures, the organization of hardware components are the application of computers within the field of artificial intelligence.

Computer Science(s)
Computer Studies

Computing Science
Mathematics and Computer Science

445 Computer Science - Systems Designed and Analysis

The study of the determination of exact operational hardware and software requirements of a computer or a computerized systems. These include the resolution of file structure and the specification of input/output formats through computer programming.

Computer Analyst Programmer
Computer Programme Systems Analyst
Computer Programming and Analysis
Computer Science - Data Bases

Computer Systems
Programmer Analyst
Systems Analysis

446 Operations Research

A subfield of mathematics that deals with the problems of management in business, government and industries. The study involves the construction of mathematical models of complex real world situations and the application of various mathematical techniques to simulate optimal or near optimal solutions.

Logistics Analysis
Operational Research

Operations Research

447 Applied Mathematics - Other

Other specialized fields within applied mathematics such as combinations, computational science, data analysis and quantitative methods.

Applied Computational Mathematics
Combinatorics Optimization
Computational Science

Computer Science Mathematics
Data Analysis
Quantitative Methods

Chemistry (448-454)

448 Chemistry - General

A branch of physical sciences dealing with the study of the composition of substances, the ways in which their properties are related to their composition and the interaction of substances to form new materials. Chemistry is based on an understanding of the structure and properties of atoms and molecules and the energy changes that accompany their transformations.

Applied Chemistry
Chemical Sciences

Chemistry
Science Chemistry

449 Analytical Chemistry

Study of the scientific and mathematical procedures determining the composition of substances in terms of the elements and compounds from which they are constituted.

Analytical Chemistry
Chemical Analysis
Chemical Research

Chemistry Analytical
Clinical Chemistry

451 Organic and Inorganic Chemistry

Organic Chemistry is the study of the composition, reactions, and properties of carbon compounds (except carbon dioxide, carbon monoxide compounds). Inorganic chemistry studies reactions and properties of all chemical elements and their compounds, excluding hydrocarbons but actually including carbides and other simple carbon compounds (such as CO_2 , CO and HCN).

Chemistry - Organics
Chemistry Organic
Inorganic Chemistry

Organic Chemistry
Polymer Chemistry

452 Physical Chemistry

The study of the analysis and prediction of chemical behaviour by means of physical theory with extensive use of mathematical formulas and graph theory. Its main subject areas are the structure of matter, thermodynamics and kinetics.

Chemistry Physical
Electroanalysis

Physical Chemistry

454 Chemistry Specialties - Other

Other specialized fields in Chemistry such as Food Chemistry, Radiation Chemistry, Theoretical Chemistry and Chemistry and Mathematics.

Cereal Chemistry
Chemistry and Mathematics
Food Chemistry

Radiation Chemistry
Theoretical Chemistry

Geology and Related Fields (455-462)

455 Geology, Geological and Earth Sciences

The study of science of the earth, its origin, its history, and the physical chemical and dynamic processes that have gone on, and are now going on within it. It also includes examination of the materials involved in these processes such as minerals, rocks, fossils, petroleum and natural gas. Geology also entails both field work and laboratory analysis.

Earth Science(s)
Earth Science - Geology

Geological Science
Geology

456 Geochemistry and Geochronology

The study of the chemical composition of the earth primarily in terms of ore formations, mineral deposits, crystalline compounds, isotopes and geochemical cycles. Laboratory work in this field is aided by the use of the petrographic microscope.

Biogeochemistry
Chemistry and Geology

Geochemistry
Geology and Chemistry

457 Geophysics and Geomorphology

The study of physical properties and processes of the earth. Some specific aspects include: seismology and seismic exploration, earth tides, terrestrial heat flow, terrestrial magnetism and electricity, earth rotational dynamics, tectonophysics, gravity, and geomorphology which is a specialized study of the earth's topographic or surface features and their formation through erosion.

Applied Geophysics
Geodesy
Geology and Geophysics
Geomorphology

Geophysical Seismology
Geophysics
Physics and Geology

459 Mineral Geology

The primary referent given by respondents in the 1986 Census was Gemology which is the science and study of gemstones, their identification, grading, fashioning, polishing, cutting and engraving.

Gemology
Geology Mining

Mineral Exploration

462 Geology and Related Fields, n.e.c.

Other specialized subfields of Geology such as economic geology, hydrogeology, hydrology, paleontology and surficial geology.

Economic Geology
Exploration and Geology
Hydrogeology

Hydrology
Paleontology
Surficial Geology

Mathematical Statistics (463)

463 Mathematical Statistics

A branch of modern applied mathematics concerned with the collection and analysis of quantitative data. Statistical theory and methodology cover topics such as the design of experiments, sample surveys and censuses, probability and statistical inference, calculus and linear algebra, decision theory and combinatorics. Statistics has a wide range of applications in projects as diverse as clinical trials, economic model building and projecting population growth.

Mathematical Statistics

Statistics

Mathematics (464)

464 Mathematics

The study or science of quantities, numbers and numerical relations according to fundamental principles organized around systems of deductive or abstract axioms such as geometry, algebra, trigonometry, calculus, number theory and topology. Mathematics as studied in its "pure" form is concerned with the essence of these systems and their extensions or extrapolation into new areas of discovery.

Algebra
Math
Mathematical Logic

Mathematics
Pure Mathematics

Metallurgy and Materials Science (465)

465 Metallurgy and Materials Science

The study of the chemical reactions involved in the process by which metals and their alloys are produced and their physical chemical and mechanical properties.

Chemical Metallurgy
Material Science
Materials Science

Metallurgy
Metallurgy and Materials Science
Physical Metallurgy

Meteorology (466)

466 Meteorology

Study of the science of the earth's atmosphere and its associated phenomena including temperature, pressure-patterns, density, winds, clouds and precipitation. Although meteorology is not weather forecasting per se, forecasting is one of the main objectives of meteorology.

Aerology
Atmospheric Science
Climatology
Marine Meteorology

Meteorological Engineering
Meteorology
Weather Observation

Oceanography and Marine Sciences (467)

467 Oceanography and Marine Sciences

Interdisciplinary scientific study of oceans as a dominant environmental force and an ecological system. Topics of study includes tides and currents, the chemistry of ocean and sea water, marine plants and animals, ocean bottom sediment and underlying crustal structures.

Biological Oceanography
Marine Science
Oceanography

Physical Oceanography
Static Oceanography

Physics (471-478)

471 Physics - General

The study of the principle and laws of natural science employing the scientific method of observation, experimentation and the systematization of results. The scope of this field is wide ranging extending from the study of the universe in large-scale space and time to the investigation of sub-nuclear particles. Some of the basic areas of study included mechanics, thermodynamics, electricity and quantum mechanics.

Physics

472 Astrophysics and Astronomy

Astrophysics is the study of the physical properties of celestial bodies and the space in between them. Astronomy is the general study of all celestial bodies and phenomena based on observation, radio waves and inference. Some of the more recent discoveries in astronomy include hyper-energetic quasars, gyrating pulsars and inscrutable black holes.

Astrogeology
Astronomy

Astrophysics

473 Atomic and Nuclear Physics

Studies of the structures of atoms and the characteristics of electrons and other elementary particles which constitute the atom. Some of the topics include: nuclear - nucleon interactions, nuclear structure, gamma, transitions, alpha decay and beta decay, particle accelerators.

Nuclear Physics

474 Chemical Physics

The study of the interrelationships between chemistry and physics (see also 452 Physical Chemistry).

Chemical Physics
Chemistry and Physics

Physics and Chemistry

477 Theoretical and Mathematical Physics

(Primarily persons reporting Mathematics and Physics.) The study of the derivation and solution of mathematical equations representing physical phenomenon. Some current topics in this field include plasma physics, general relativity, group theory and chaos in dynamical systems.

Mathematical Physics
Mathematics and Physics
Physics and Mathematics

Physics Mathematics
Theoretical Physics

478 Physics, n.e.c. - Other

Other not elsewhere classified subfields of physics such as applied physics, optics, particle physics, and solid state physics.

Applied Physics
Fiber Optics
Optics

Particle Physics
Solid State Physics
Thermodynamics

General Science (479-480)

479 General Science

Indicates persons who primarily reported "science" as their major field of study.

Applied Science
General Science
Physical Science

Pure and Applied Sciences
Science
Sciences

480 Science Lab Technology

Indicates persons who primarily reported Laboratory Technology as their major field of study.

Laboratory Assistance
Laboratory Science
Laboratory Tech
Physics Tech

Research Assistant
Science Lab Tech
Science Tech

ALL OTHER, N.E.C. (481)

All Other, n.e.c. (481)

Refers to entries that could not be coded within the existing classification structure.

NO SPECIALIZATION (482)

No Specialization (482)

Refers to entries indicated as "General" or "interdisciplinary".

General

Interdisciplinary Studies

NO POSTSECONDARY QUALIFICATION (485)

No Postsecondary Qualification (485)

Refers to persons 15 years and over with no postsecondary qualifications, that is, with no trades or other non-university (college) certificate or diploma, nor any university certificate diploma or degree.

Grade (9, 10, 11, 12, 13)

2. The Alphabetical Index

The Alphabetical Index is a straightforward alphabetical ordering of all of the reported MFS write-in entries encountered in the 1986 Census. It is in effect an edited version of the MFS Code Book, with non-reported or scarce entries deleted. As such, it constitutes a relatively complete record of the range of responses encountered in the 1986 Census. It should, however, be emphasized that this index is not a substitute for the MFS code book. Any future applications of the MFS code book should utilize the complete range of possible entries as well as the MFS entries appearing in the 1986 Census. In addition, the MFS code book should update its contents to include any new programs, or subfields or fields of specializations that have appeared since June, 1986.

The alphabetical index will be of most use to persons attempting to locate a specific entry either within a generic group level, a minor group level, or a unit group level (as elaborated in Part II, Section 1). The index will enable the user to quickly find a given description of a field of study and then to refer to section 1 for more details.

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076	Electrolysis	094	English Language and Literature
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327	Electronic Assembly	094	English Literature History
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327	Electronic Repair	123	English - Creative Writing
327	Electronic Servicing	121	English - Second Language
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322	Electronics Tech	244	Environmental Biology
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250	Family Consumer Studies	183	Fire Protection Engineering
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176	Family Studies	260	Fish and Wildlife Biology
131	Far Eastern Studies	332	Fish and Wildlife (Tech)
232	Farm and Ranch (Tech)	260	Fish Biology
231	Farm Business (Management)	263	Fish Culture
351	Farm Equipment (Mechanics)	263	Fish Plant Operations
351	Farm Machinery Mechanics	263	Fish Processing
231	Farm Management	263	Fisheries
232	Farm Operators	260	Fisheries Biology
232	Farm Operators and Management	332	Fisheries Management
232	Farm Tech	260	Fisheries Science
316	Farm Welding	263	Fisheries Tech
232	Farmology	265	Fishing, Hunting and Trapping
238	Farrier (Science)	265	Fishing Guide
071	Fashion Design(er)	265	Fishing Master
208	Fashion Merchandising	263	Fishing Tech
064	Fashion Modelling	039	Fitness (Instructor)
209	Fashion Retailing or Services	334	Fitter Mechanic
071	Fashion Technique and Design	316	Fitter Welder
071	Fashion (Arts)	364	Flight Attendants
478	Fiber Optics	364	Flight Service
306	Fibreglass	313	Floor Covering
232	Field Crops Livestock	225	Floral Design
038	Figure Skating Coaching	225	Floriculture
038	Figure Skating (Instructor)	266	Florist
091	Film	364	Flying
091	Film and Communications	124	Folklore
091	Film and Television	202	Food Administration
091	Film and Video	253	Food and Beverage
091	Film Making	202	Food and Beverage Management
091	Film Production	250	Food and Consumer Studies
091	Film Studies	252	Food and Drug Tech
192	Finance	252	Food and Nutrition
195	Finance and Commerce	253	Food and Restaurant Services
195	Finance and Economics	202	Food Business and Management
195	Finance and Investment	454	Food Chemistry
190	Finance in International Business	264	Food Engineering
192	Finance Management	253	Food Handling
207	Finance Marketing	253	Food Preparation
192	Finance - Business	264	Food Processing (Tech)
195	Financial	264	Food Production
193	Financial Accounting	224	Food Science
192	Financial Management	252	Food Science Tech
014	Fine Art Education	202	Food Service(s) Management
060	Fine Arts and Drama	253	Food Service(s) (Tech)
053	Fine Arts Music	252	Food Tech
066	Fine Arts Printmaking	264	Foods
050	Fine Arts - Painting	109	Foreign Languages

298	Forest Biology	232	General Farming
330	Forest Conservation	375	General Medicine
298	Forest Ecology	375	General Practice (Medicine)
295	Forest Engineering	479	General Science
259	Forest Entomology	272	Genetic Engineering/Immunology
330	Forest Fire Prevention	241	Genetics
298	Forest Genetics	247	Geobotany
295	Forest Harvesting	456	Geochemistry
295	Forest Management	457	Geodesy
359	Forest Products Tech	339	Geographical Surveying
295	Forest Ranger	144	Geography
036	Forest Recreation	146	Geography and Economics
295	Forest Resource Management	147	Geography and History
359	Forest Resource(s) (Tech)	151	Geography and Urban Studies
359	Forest Tech	149	Geography Environmental Studies
294	Forestry	152	Geography Planning
294	Forestry Engineering	149	Geography Resource Management
359	Forestry Tech	011	Geography Teaching
296	Forestry Wildlife	152	Geography - Geomorphology
348	Fork-lift Operating	283	Geological Engineering
360	Foundry	360	Geological Engineering Tech
099	French	455	Geological Science
121	French as a Second Language	455	Geology
102	French Canadian Literature	456	Geology and Chemistry
007	French Education	457	Geology and Geophysics
087	French History	459	Geology Mining
099	French Language	457	Geomorphology
099	French Language and Literature	283	Geophysical Engineering
108	French Linguistics	457	Geophysical Seismology
099	French Literature	457	Geophysics
099	French Studies	283	Geotechnical Engineering
122	French Translation	409	Geriatric Aide
122	French - English Translation	409	Geriatric Assistance
334	Front Loader Operator	406	Geriatric Nursing
203	Funeral Directing	409	Geriatric Nursing Aide Program
203	Funeral Directing and Embalming	388	Geriatrics
203	Funeral Director	409	Geriatrics - Care of the Aged
203	Funeral Service	105	German
251	Fur, Leather and Suede	087	German History
312	Furnace Making	105	German Language
078	Furniture Design and Production	105	German Language and Literature
317	Furniture Making and Refinishing	105	German Literature
078	Furniture Refinishing Tech	136	German Studies
078	Furniture Renovation	105	Germanic Languages
078	Furniture Technology	136	Germanic Studies
078	Furniture Upholstery	181	Gerontology (Applied)
251	Furrier	181	Gerontology - Ageing
232	Gardening	072	Glass Blowing
312	Gas and Oil Heating	072	Glass-working - Ornamental
312	Gas Burner Mechanics	348	Glazier
338	Gas Fitter	072	Goldsmith(ing)
348	Gas Plant Operations	204	Golf Course Management
361	Gas Technology	166	Government
316	Gas Welding	198	Government Administration
459	Gemology	485	Grade (9, 10, 11, 12, 13)
241	Genecology	334	Grader Operator
482	General	065	Graphic Artist
120	General Arts	065	Graphic Arts Administration
072	General Crafts	065	Graphic Arts Management

069	Graphic Arts Printing Tech	046	Higher Education
065	Graphic Art(s)	426	Histology Tech
062	Graphic Communication	147	Historical Geography
065	Graphic Design	083	History
065	Graphic Technician	087	History and Arts
065	Graphics	083	History and Economics
065	Graphics Design	147	History and Geography
109	Greek	083	History and Languages
081	Greek and Latin Literature	083	History and Philosophy
085	Greek and Roman History	083	History and Political Science
043	Guidance	083	History and Sociology
043	Guidance Counselling	084	History Canadian
043	Guidance Education	031	History Education
343	Gunsmithing	087	History English
039	Gymnastics Coach	011	History for Secondary Schools
395	Gynaecology	147	History Geography
077	Hairdresser	031	History of Education
077	Hairdressing	114	History of Philosophy
076	Hairdressing Cosmetology	087	History Psychology
077	Hairstyling	011	History Teaching
077	Hairstylist	087	History - Political Science
408	Handicapped Services	087	History - Politics
072	Handicraft	334	Hoisting Engineer
441	Health	360	Hoistman - Mining
201	Health Administration	408	Home Care
033	Health and Fitness	254	Home Economics
408	Health Care	251	Home Economics Clothing and Textiles
201	Health Care Administration	016	Home Economics Education
408	Health Care Aide	408	Home Health Aid
417	Health Care and Epidemiology	408	Home Making and Home Nursing
201	Health Care Management	408	Home Nursing and Home Making
408	Health Care Support	249	Home Sciences
408	Health Care Worker	408	Home Support Worker
033	Health Education	408	Homecare
441	Health Field	249	Homemaker
215	Health Record Administration	441	Homeopathy
215	Health Record (Tech)	408	Home-Makers and Care
399	Health Sciences Nursing	254	Home-Making
414	Health Services	079	Horology
201	Health Services Administration	236	Horse Husbandry
414	Health Studies	238	Horse Shoeing
422	Hearing Impairment	300	Horticulture and Landscaping
398	Heart Surgery	225	Horticulture (Tech)
312	Heat and Insulation	201	Hospital Administration
312	Heating and Air Conditioning	410	Hospital Orderly
312	Heating and Refrigeration	220	Hospital Unit Clerk
312	Heating and Ventilating	204	Hospitality
312	Heating (Tech)	204	Hospitality Administration
312	Heating - Ventilation and Air Conditioning	204	Hospitality and Tourism Management
334	Heavy Duty Equipment Operator	204	Hospitality Services
354	Heavy Duty (Equipment) Mechanics	202	Hospitality Services Food and Beverage Mgmt.
334	Heavy Equipment Operator	253	Hostess Training
334	Heavy Machine Operating	202	Hotel and Food Administration
366	Heavy Transport	202	Hotel and Resort Management
082	Hebrew	202	Hotel and Restaurant Administration
350	Helicopter Engineering Tech	202	Hotel and Restaurant Management
364	Helicopter Pilot	202	Hotel Management
316	High Pressure Pipe Welding	202	Hotel Manager
005	High School Education		

202	Hotel Motel Management	340	Industrial Maintenance (Mechanics)
202	Hotel Motel Operations	196	Industrial Management
202	Hotel Motel Restaurant Management	365	Industrial Marine Rigging
202	Hotel Resort - Restaurant Management	340	Industrial Mechanic Millwright
202	Hotel Restaurant Administration	340	Industrial Mechanics
202	Hotel Restaurant Management	272	Industrial Microbiology
202	Hotel - Motel Management	171	Industrial Psychology
202	Hotel - Motel - Restaurant Management	220	Industrial Records
309	House Construction	196	Industrial Relations
313	House Painting	017	Industrial Teacher Education
254	Household Economics	348	Industrial Tech
249	Household Science	321	Information Processing
249	Housekeeping	088	Information Science
376	Human Anatomy	321	Information Systems
244	Human Biology	435	Inhalation Therapy
168	Human Development	451	Inorganic Chemistry
159	Human Ecology	205	Institutional Management
383	Human Genetics	027	Instructional Tech
152	Human Geography	337	Instrument Tech
153	Human Justice	337	Instrumentation
034	Human Kinetics	280	Instrumentation Engineering
252	Human Nutrition	337	Instrumentation Mechanic(s)
034	Human Performance	337	Instrumentation Tech
382	Human Physiology	312	Insulation
016	Human Relations	210	Insurance
199	Human Resources	194	Insurance Adjuster
199	Human Resource(s) Management	195	Insurance Administration
186	Human Sciences	209	Insurance Sales
184	Human Service(s) (Worker)	406	Intensive Care - Nursing
152	Human Studies	482	Interdisciplinary Studies
120	Humanities	073	Interior Decorating
280	Hydraulics	073	Interior Decoration Design
286	Hydrocarbon Engineering	073	Interior Design
361	Hydrocarbon Engineering Tech	313	Interior Finishing
462	Hydrogeology	012	Intermediate Education
462	Hydrology	375	Internal Medicine
262	Ichthyology	165	International Affairs
050	Illustration	190	International Business
390	Immunochemistry	143	International Development
390	Immunology	143	International Economics
109	Indian Languages American	190	International Finance
137	Indian Studies and Social Sciences	156	International Law
193	Industrial Accounting	165	International Politics
017	Industrial Arts Teacher Education	165	International Relations
369	Industrial Art(s)	165	International Studies
292	Industrial Chemistry	156	International Trade Law
269	Industrial Design	122	Interpretation
335	Industrial Drafting	220	Inventory Clerk
017	Industrial Education	210	Inventory Control
323	Industrial Electrician	210	Inventory Management
322	Industrial Electronic(s)	262	Invertebrate Zoology
340	Industrial Engineering Tech	195	Investment
279	Industrial Engineer(ing)	316	Iron Work
418	Industrial First Aid	233	Irrigation Tech
418	Industrial Health	137	Islamic Studies
418	Industrial Hygiene	106	Italian
340	Industrial Instrument Mechanics	106	Italian Language
337	Industrial Instrumentation (Tech)	106	Italian Language and Literature
369	Industrial Laboratory Tech	106	Italian Literature

137	Italian Studies	182	Law Security
369	Janitorial Service	154	Law - Common
104	Japanese (Language and Literature)	153	Laws
079	Jewellery Repair	348	Lead Burner
071	Jewellery (Arts)	026	Learning Disabilities
043	Job Readiness Counselling	027	Learning Resources
317	Joinery	072	Leather Working
093	Journalism	153	Legal Administration
317	Journeyman Carpentry	216	Legal Assistant
310	Journeyman Electrician	216	Legal Office Administration
153	Justice Administration	216	Legal Secretary
318	Keypunch Operator	216	Legal Stenographer
388	Kidney Disease	339	Legal Surveying
034	Kinanthropology	219	Legal Word Processing
004	Kindergarten Education	204	Leisure and Recreation Management
034	Kinesiology	035	Leisure Education
104	Korean	035	Leisure Services
230	Lab Technology for Agriculture	069	Letter Press - Printer
437	Laboratory and X-Ray Tech	120	Liberal Arts
480	Laboratory Assistance	088	Librarian(ship)
480	Laboratory Science	088	Library Assistant
480	Laboratory Tech	088	Library Science
425	Laboratory Technology Medical	088	Library Service
143	Labour Economics	088	Library Tech
155	Labour Law	088	Library (Arts)
197	Labour Management	407	Licensed Practical Nurse
197	Labour Relations	195	Life Insurance Administration - Management
187	Labour Studies	240	Life Sciences
160	Land Management	042	Life Skills Counselling
329	Land Resources and Classification	042	Life Skills Program
339	Land Survey(ing) Tech	195	Life Underwriting Training - LUTC
301	Landscape Architectural Tech	244	Limnology
299	Landscape Architect(ure)	327	Linesman
301	Landscape Design	108	Linguistics
300	Landscape Horticulture	069	Linotype Operator
301	Landscape Maintenance	239	Lipid Biochemistry
299	Landscape Planning	109	Literature
301	Landscape (Tech)	066	Lithographic Stripping
300	Landscaping and Horticulture	066	Lithography
026	Language and Literacy	066	Lithography and Print Making
109	Language Arts	235	Livestock
008	Language Education	235	Livestock Production
109	Languages	198	Local Government Administration
109	Languages and History	369	Locksmithing
343	Lathe Operation	309	Log Cabin Construction
311	Lathing	359	Logging
081	Latin	114	Logic
137	Latin American Studies	446	Logistics Analysis
153	Law	409	Long Term Care
153	Law Administration	409	Long Term Care Aide
153	Law and Economics	409	Long Term Care Home-Maker
153	Law and Justice	406	Long Term Care Nursing
157	Law and Psychology	359	Lumber Grading
182	Law and Security (Administration)	336	Machine Drafting
153	Law and Sociology	343	Machine Shop
119	Law Church	347	Machine Tool
216	Law Clerk	317	Machine Wood-working
182	Law Enforcement	343	Machinist
155	Law Real Estate		

143	Macroeconomics	365	Mate - Watchkeeping
369	Maintenance Engineering	074	Material Arts
349	Maintenance Mechanics	465	Material Science
327	Major Appliances	348	Materials Engineer(ing) (Tech)
262	Mammalogy	465	Materials Science
189	Management	348	Material(s) Management
193	Management Accounting	365	Mates Ticket
189	Management Administration	464	Math
192	Management and Marketing	143	Math and Economics
143	Management Economics	009	Math and Science Curriculum
202	Management Hotel	009	Math Education
189	Management Information Systems	291	Mathematical Engineering
189	Management Science	464	Mathematical Logic
189	Management Studies	477	Mathematical Physics
200	Management Supervisory	463	Mathematical Statistics
189	Management - General	464	Mathematics
279	Manufacturing Engineer(ing)	444	Mathematics and Computer Science
340	Manufacturing Engineer(ing) Tech	009	Mathematics and Education
200	Manufacturing Management	477	Mathematics and Physics
348	Manufacturing Tech	143	Mathematics Economics
145	Map Drafting	009	Mathematics Education
145	Mapping	009	Mathematics Teaching
261	Marine Biology	189	MBA
261	Marine Biology - Ornithology	264	Meat Cutter
365	Marine Captains Course	264	Meat-Cutting
355	Marine Diesel (Mechanics)	264	Meat Inspecting
261	Marine Ecology	264	Meat Processing
323	Marine Electrical	349	Mechanical
322	Marine Electronics	349	Mechanical Assembly
365	Marine Emergency Duties	337	Mechanical Design
289	Marine Engineering	349	Mechanical Design Tech
365	Marine Master	336	Mechanical Drafting (Tech)
355	Marine Mechanics	336	Mechanical Drawing
466	Marine Meteorology	336	Mechanical Engineering Drafting
365	Marine Navigation (Tech)	280	Mechanical Engineer(ing)
365	Marine Rigging	349	Mechanical Engineer(ing) Tech
467	Marine Science	349	Mechanical Repair
308	Marine Steel Work	349	Mechanical Tech
365	Marine Transportation (Tech)	349	Mechanics
195	Market Management	090	Media Resources
207	Marketing	085	Mediaeval History
207	Marketing Administration	441	Medical
207	Marketing and Business Administration	377	Medical Biochemistry
207	Marketing and Finance	377	Medical Biophysics
207	Marketing and Industrial Relations	217	Medical Dictatypist
190	Marketing and International Business	375	Medical Doctor
207	Marketing and Management	272	Medical Engineering
210	Marketing and Sales	441	Medical Field
143	Marketing Economics	383	Medical Genetics
207	Marketing Finance	425	Medical Laboratory
207	Marketing General Business	425	Medical Laboratory Assistant
207	Marketing Management	425	Medical Laboratory Science
207	Marketing Real Estate	425	Medical Laboratory Tech
207	Marketing Research	391	Medical Microbiology
314	Masonry (Construction)	380	Medical Neuroanatomy
090	Mass Communication	380	Medical Neurophysiology
090	Mass Media Studies	402	Medical Nursing
441	Masseur	217	Medical Office Assistant
365	Master - Foreign Going	392	Medical Pathology

377	Medical Physics	185	Military Strategy
382	Medical Physiology	185	Military Studies
438	Medical Radiation Tech	185	Military Tactics
387	Medical Radiography	072	Millinery
429	Medical Radiological Tech	359	Millwork
387	Medical Radiology	317	Millwork and Carpentry
215	Medical Records	340	Millwright
215	Medical Records Librarian	284	Mineral Engineering
215	Medical Records (Tech)	459	Mineral Exploration
421	Medical Rehabilitation	360	Mineral Tech
383	Medical Research	360	Mining
383	Medical Science	285	Mining Engineer(ing)
217	Medical Secretary	360	Mining Engineer(ing) Tech
441	Medical Security	360	Mining Tech
217	Medical Stenographer	360	Mining - Nickel
441	Medical Support Services	118	Ministry
425	Medical Tech	118	Ministry Religious Studies
441	Medical Terminology	365	Minor Waters
217	Medical Transcription	118	Missiology
437	Medical X-ray Tech	119	Missionary Training
375	Medicine	118	Missions Theology
395	Medicine Gynecology	253	Mixology
399	Medicine Nursing	064	Modelling
392	Medicine Pathology	087	Modern History
385	Medicine Pediatrics	109	Modern Languages
386	Medicine Psychiatry	109	Modern Languages and Literature
398	Medicine Surgery	243	Molecular Biology
375	Medicine - General Practice	245	Molecular Biophysics
085	Medieval Studies	241	Molecular Genetics
434	Mental Health	203	Mortuary Science
404	Mental Health Nursing	091	Motion Picture Production
434	Mental Retardation	349	Motive Power Tech
044	Mental Retardation Counsellor	367	Motor Vehicle Instruction
434	Mental Retardation Worker	344	Mould Making
434	Mentally Retarded	026	Multicultural Education
208	Merchandising	026	Multicultural Education - Native
208	Merchandising Administration	198	Municipal Administration
208	Merchandising Management	194	Municipal Assessment
208	Merchandising Marketing	161	Municipal Planning and Development
208	Merchandizing	035	Municipal Recreation
360	Metal Fabricating	089	Museology
346	Metal Work	089	Museum Studies
284	Metallurgical Engineering	089	Museum Technology
360	Metallurgical Engineering Tech	053	Music
465	Metallurgy	018	Music and Education
465	Metallurgy and Materials Science	054	Music Composition
466	Meteorological Engineering	018	Music Education
466	Meteorology	278	Music Engineering
242	Microbiology	056	Music History
391	Microbiology and Immunology	053	Music Performance
276	Microcomputer Science	056	Music Performance and Literature
321	Microcomputer Tech	018	Music Teacher Training
143	Microeconomics	018	Music Teaching
324	Microwave Engineering	057	Music Theatre
137	Middle Eastern Studies	056	Music Theory
403	Midwifery	423	Music Therapy
274	Military Engineering	055	Music - Piano
185	Military History	057	Music - Voice
182	Military Police	018	Musical Education

079	Musical Instrument Repair	399	Nursing - Post Registered Nursing
053	Musicology	252	Nutrition
247	Mycology	239	Nutrition and Biochemistry
179	Nanny	252	Nutrition Science
184	Native Alcohol Program	403	Obstetric Nursing
132	Native Cultural Studies	395	Obstetrics
132	Native Studies	395	Obstetrics and Gynecology
361	Natural Gas and Petroleum	418	Occupational Health
160	Natural Resource Management	418	Occupational Health and Safety
328	Natural Resources	406	Occupational Health Nursing
149	Natural Resources Geography	423	Occupational Therapy
329	Natural Science Tech	289	Ocean Engineering
266	Natural Sciences	365	Ocean Navigation
365	Nautical Science	467	Oceanography
365	Nautical Training	211	Office Administration
308	Naval Architecture and/or Ship Building	220	Office Clerk
365	Navigation	015	Office Education
365	Navigation Marine	211	Office Management
365	Navigation Officer	211	Office Practice
137	Near Eastern Studies	211	Office Procedure
072	Needlework	211	Office Studies
403	Nco Natal Intensive Care Nursing	211	Office System Management
380	Neuro Biology	211	Office Training
169	Neuro Psychology	069	Offset (Press) Printing
380	Neurological Physiology	312	Oil Burner Mechanics
384	Neurology	312	Oil Burner Servicing
384	Neuropathology	057	Opera
381	Neuropharmacology	358	Operating Engineer
380	Neurophysiology	402	Operating Room Nursing
384	Neuroscience	440	Operating Room Technology
398	Neurosurgery	446	Operational Research
348	Non-destructive Testing	200	Operations Management
273	Nuclear Engineering	446	Operations Research
387	Nuclear Medicine	398	Ophthalmology
438	Nuclear Medicine Tech	440	Optical (Laboratory) Tech
473	Nuclear Physics	440	Optician
292	Nuclear Thermal Science	478	Optics
399	Nurse Practitioner	411	Optometry
403	Nurse Practitioner Midwifery	370	Oral and Maxillofacial Surgery
004	Nursery Aid	370	Oral Maxillofacial Surgery
410	Nurses Aide and Home Makers	370	Oral Pathology
410	Nurse's Aide	370	Oral Surgery
399	Nursing	410	Orderly
201	Nursing Administration	451	Organic Chemistry
410	Nursing Aide	196	Organizational Behaviour
407	Nursing Assistance	225	Ornamental Horticulture
407	Nursing Assistant	262	Ornithology
405	Nursing Community Health	370	Orthodontics
046	Nursing Education	396	Orthopaedic Surgery
201	Nursing Management	396	Orthopedic Surgery
403	Nursing Obstetrical	396	Orthopedics
410	Nursing Orderly	440	Orthotics
407	Nursing Practical	003	Other (e.g. Physical Education, Arts)
404	Nursing Psychiatry	398	Otolaryngology
405	Nursing Public Health	036	Outdoor Education
046	Nursing School Instruction	036	Outdoor Recreation
399	Nursing Science	036	Outdoor Recreation Management
201	Nursing Services Administration	062	Package Design
406	Nursing - Geriatrics	385	Paediatrics

050	Painting	412	Pharmacy Science
073	Painting and Decorating	413	Pharmacy Tech
313	Painting and Decorating, Paper-hanging	110	Philosophy
369	Painting Tech	110	Philosophy and History
313	Painting - Construction	113	Philosophy and Political Science
462	Paleontology	110	Philosophy and Psychology
359	Paper-making Technology	115	Philosophy and Religious Studies
433	Paramedic	114	Philosophy of Art
393	Parasitology	031	Philosophy of Education
182	Para-legal Technologies	114	Philosophy of Mathematics
036	Park and Recreation	114	Philosophy of Religion
301	Parks Maintenance	114	Philosophy of Science
161	Parks Planning (and Management)	067	Photoengraving
036	Parks Recreation	339	Photogrammetry
478	Particle Physics	067	Photographic Arts
207	Parts Marketing	067	Photographic Tech
348	Partsmen	067	Photography
119	Pastoral Care	067	Photography Commercial
119	Pastoral Counselling	247	Phycology
119	Pastoral Ministry	033	Physical and Health Education
119	Pastoral Studies	423	Physical and Occupational Therapy
118	Pastoral Theology	129	Physical Anthropology
392	Pathology	452	Physical Chemistry
336	Pattern Drafting	033	Physical Education
344	Pattern Making	028	Physical Education Administration
406	Pediatric Nursing	033	Physical Education and Health
385	Pediatrics	035	Physical Education and Recreation
385	Pediatrics Medicine	033	Physical Education Teaching (Certificate)
058	Performing Arts	039	Physical Fitness
058	Performing Arts Management	150	Physical Geography
370	Periodontics	150	Physical Geography and Cartography
181	Personal Care Worker	465	Physical Metallurgy
040	Personal Development	467	Physical Oceanography
207	Personal Marketing	479	Physical Science
199	Personnel	423	Physical Therapy
199	Personnel Administration	471	Physics
199	Personnel and Administrative Studies	474	Physics and Chemistry
199	Personnel and Industrial Relation	457	Physics and Geology
197	Personnel and Labour Relations	477	Physics and Mathematics
199	Personnel Management	477	Physics Mathematics
259	Pest Control	480	Physics Tech
233	Pesticides (Tech)	424	Physio Therapist
361	Petroleum	423	Physio - Occupational Therapy
361	Petroleum Engineering Tech	169	Physiological Psychology
286	Petroleum Engineer(ing)	244	Physiology
286	Petroleum Geology	382	Physiology and Sports Medicine
361	Petroleum Land Management	424	Physiotherapy
361	Petroleum Resources and Land Management	055	Piano Concentration
361	Petroleum Tech	055	Piano Performance
413	Pharmaceutical Chemist	055	Piano Tech
413	Pharmaceutical Chemistry	055	Piano Tuning and Technology
413	Pharmaceutical Science	364	Pilot Training
413	Pharmaceutical Tech	364	Pilot - Air
413	Pharmaceutics	364	Pilot's License
412	Pharmacist	338	Pipe Fitter
381	Pharmacology	161	Planning Technology
412	Pharmacy	161	Planning Urban and Regional Resources
412	Pharmacy Assistant	248	Plant Biochemistry
		248	Plant Biology

248	Plant Breeding	414	Preventive Medicine
248	Plant Ecology	441	Pre-health Sciences
248	Plant Genetics	406	Pre-hospital Care
248	Plant Nutrition	441	Pre-med
248	Plant Pathology	004	Pre-school Education
248	Plant Physiology	119	Priesthood
248	Plant Protection	002	Primary Education
226	Plant Science	066	Print Making
248	Plant Virology	069	Printing
311	Plastering	069	Printing Management
306	Plastic Fabricating	069	Printing Production
398	Plastic Surgery	069	Printing Tech
306	Plastics Engineering Tech	157	Private Law
306	Plastics Tech	364	Private Pilot's License
315	Plumbing	348	Process Operations
315	Plumbing and Gas Fitting	336	Process Pipe Drafting
315	Plumbing and Gas Heating	200	Production and Operations Management
315	Plumbing and Heating	340	Production Engineering Technology
315	Plumbing and Pipe Fitting	200	Production Management
359	Plywood Lumber Technician	348	Production Planning and Inventory Control
398	Podiatry	253	Professional Cook(ing)
182	Police	064	Professional Modelling
182	Police Administration	211	Professional Secretary
182	Police Officer	445	Programmer Analyst
182	Police Related Services	320	Programming
182	Police Science	194	Property Appraisal
182	Police Studies	195	Property Management
182	Police Tech	339	Property Mapping
182	Police Training	440	Prosthetics Orthotics
182	Police Work	440	Prosthetics Tech
198	Policy and Administration	404	Psychiatric Nursing
107	Polish Language and Literature	386	Psychiatry
113	Political Economy	171	Psycho Biology
113	Political Philosophy	404	Psychological Nursing
162	Political Science	167	Psychology
162	Political Science and Economics	167	Psychology and Biology
162	Political Science and History	167	Psychology and Economics
113	Political Science and Philosophy	029	Psychology and Education
162	Political Science and Psychology	167	Psychology and Philosophy
162	Political Science and Sociology	167	Psychology and Political Science
166	Political Science Economics	041	Psychology Counselling
166	Political Science History	029	Psychology Education
162	Political Studies	184	Psychology Social Work
166	Politics	029	Psychology - Education
328	Pollution Control Tech	169	Psychometrics
451	Polymer Chemistry	171	Psychopathology
241	Population Genetics	029	Psychopedagogy
051	Pottery	198	Public Administration
229	Poultry Science	414	Public Health
282	Power Engineer	418	Public Health and Pollution Control
282	Power Engineering	414	Public Health Inspection
358	Power Engineering Tech	405	Public Health Nursing
345	Power Sewing	415	Public Health Nutrition
225	Practical Horticulture	198	Public Policy
399	Practical Nursing	206	Public Relations
118	Practical Theology	069	Publishing
337	Precision Instrument Technician	359	Pulp and Paper (Tech)
317	Precision Woodworking	210	Purchasing
316	Pressure Welding	210	Purchasing Management

479	Pure and Applied Sciences	399	Registered Nurse
464	Pure Mathematics	410	Registered Nurses Aide
348	Quality Control	407	Registered Nursing Assistant
191	Quantitative Business Analysis	421	Rehabilitation
447	Quantitive Methods	044	Rehabilitation Counselling
339	Quantity Survey Construction Supervisor	421	Rehabilitation Medicine
324	Radar Operation	421	Rehabilitation Practitioner
324	Radar Technology	421	Rehabilitation Services
454	Radiation Chemistry	115	Religion
438	Radiation Oncology Tech	116	Religion and Culture
418	Radiation Protection Technology	115	Religion and Philosophy
438	Radiation Technology	118	Religion and Theological Work
092	Radio	116	Religion Culture
092	Radio and Television	116	Religious Culture and History
092	Radio and Television Arts	019	Religious Education
092	Radio and Television Broadcasting	115	Religious Studies
092	Radio and Television Communications	026	Remedial Reading
325	Radio and TV Tech	339	Remote Sensing
092	Radio Broadcasting	331	Renewable Resources (Tech)
325	Radio Electronics	256	Reproductive Physiology
326	Radio Operator	480	Research Assistant
325	Radio Tech	408	Resident Care Worker
437	Radiography	408	Residential Care (Worker)
429	Radiological Tech	204	Resort and Hotel Management
387	Radiology	204	Resort Management
429	Radiology Tech	288	Resource Engineering
438	Radiotherapy	330	Resource Technician Forestry
438	Radiotherapy Tech	329	Resource (Engineering Tech)
438	Radio-therapy	328	Resources
368	Rail Road Maintenance	160	Resources Management
368	Rail Transportation (Tech)	160	Resources Planning
368	Railway Engineer	435	Respiratory Tech
368	Railway Signal Training	435	Respiratory Therapy
235	Range Management	202	Restaurann Management
003	Reading (Elementary Education)	209	Retail Management
195	Real Estate	207	Retail Marketing
194	Real Estate Appraisal	264	Retail Meat Cutting
209	Real Estate Sales	208	Retail Merchandising
209	Realtor	209	Retail Sales
211	Receptionist	209	Retail Selling
211	Receptionist Clerk Typist	209	Retailing
211	Receptionist - Typist	209	Retailing and Merchandising
278	Recording Engineering	334	Rigger
220	Records Certificate	365	Rigging
220	Records Management	334	Road Construction
035	Recreation	348	Robotics Tech
152	Recreational Geography	108	Romance Linguistics
035	Recreation(al) Administration	317	Roofing
035	Recreation(al) Education	306	Rubber and Plastic Products
035	Recreation(al) Facility Management	306	Rubber Tech
035	Recreation(al) Leadership	161	Rural Planning
035	Recreation(al) Management	177	Rural Sociology
035	Recreation(al) Tech	087	Russian History
035	Recreation(al) Therapy	136	Russian Studies
035	Recreology	107	Russian (Language and Literature)
341	Refrigeration	279	Safety Engineering
161	Regional Planning	183	Safety Systems Tech
193	Registered Industrial Accountant	183	Safety Training
425	Registered Medical Laboratory Technology	209	Sales

209	Sales and Marketing	211	Secretarial Skills
209	Sales Clerk	211	Secretarial Stenographer
209	Sales Management	211	Secretarial Studies
207	Sales Marketing	211	Secretarial Technology
209	Salesmanship	211	Secretarial Training
209	Salesperson	211	Secretarial Typing
263	Salmonoid Enhancement	211	Secretarial Work
119	Salvation Army	211	Secretarial - Business
328	Sanitation	211	Secretarial/Business
348	Saw Filer Fitter	211	Secretary
359	Saw Mill Operation	218	Secretary Bookkeeping
348	Saw Sharpening and Repair	219	Secretary of Word Processing
359	Scaler	211	Secretary Stenographer
028	School Administration	211	Secretary - Bilingual
043	School Counselling	211	Secretary - Executive
088	School Librarian	217	Secretary - Medical and Dental
029	School Psychology	180	Security Correction
479	Science	183	Security Officer
294	Science and Forestry	183	Security Protection Technologies
399	Science and Nursing	210	Security Salesman
412	Science and Pharmacy	209	Selling Course
240	Science Biology	366	Semi-Truck Driver
239	Science Biology and Chemistry	353	Service Tech
448	Science Chemistry	251	Sewing
009	Science Education	345	Sewing Machine Mechanic(s)
291	Science Engineering	345	Sewing Machine Operator
441	Science Health Studies	346	Sheet Metal
254	Science Home Economics	308	Shipbuilding
399	Science in Nursing	363	Shipper
480	Science Lab Tech	308	Shipwright
252	Science Nutrition	079	Shoe Repair
412	Science Pharmacy	079	Shoemaking
424	Science Physiotherapy	220	Shopkeeper and Stockman
167	Science Psychology	253	Short Order Cook
009	Science Teaching	211	Shorthand
480	Science Tech	211	Shorthand and Typing
479	Sciences	211	Shorthand Typing
320	Scientific Computer Programming	026	Sign Language
066	Screen Process Printing	063	Sign Painting
052	Sculpture	063	Sign Writing
365	Sea Captain	066	Silk Screen Printer
263	Seafood Processing	298	Silviculture
365	Seamanship	057	Singing
365	Seaman's Training	204	Ski Area Management
079	Seamstress	359	Skidder Operator
121	Second Language Training	136	Slavic Studies
365	Second Mate	107	Slavic (Languages and Literature)
011	Secondary Education Social Studies	327	Small Appliance Repair
005	Secondary School Education	191	Small Business Management
009	Secondary Science	191	Small Businesses
211	Secretarial	357	Small Engine Repair
211	Secretarial and Administration	184	Social Administration
211	Secretarial Arts	128	Social and Cultural Anthropology
211	Secretarial Business	128	Social Anthropology
211	Secretarial Clerk Course	170	Social Behaviour
211	Secretarial General Office	042	Social Counselling
211	Secretarial Science	187	Social Development Studies
211	Secretarial Service	152	Social Geography
211	Secretarial Shorthand	187	Social Policy

170	Social Psychology	211	Steno
186	Social Sciences	211	Steno Typist
184	Social Service Worker	211	Stenographer
184	Social Services	441	Sterilization Technique
178	Social Services Worker	195	Stockbroker
179	Social Services - Child Care	220	Stock-Room Clerk
177	Social Stratification	209	Storekeeper and Purchasing
011	Social Studies	303	Structural Design
011	Social Studies Education	336	Structural Drafting
178	Social Welfare	274	Structural Engineering
178	Social Welfare Administration	333	Structural Engineering Tech
178	Social Work Administration	316	Structural Steel
184	Social Work Aide	048	Studio Art
178	Social Work(er)	199	Supervision and Administration
172	Sociology	200	Supervisory Management
172	Sociology and Economics	210	Supply and Service
172	Sociology and History	220	Supply Technician
172	Sociology and Law	462	Surficial Geology
172	Sociology and Philosophy	394	Surgeon
172	Sociology and Political Science	394	Surgery
030	Sociology of Education	402	Surgical Nursing
228	Soil Chemistry	274	Survey Science
228	Soil Microbiology	335	Survey(ing) Drafting
228	Soil Science	274	Survey(ing) Engineer(ing)
233	Soil (Tech)	339	Survey(ing) (Tech)
478	Solid State Physics	213	Switchboard Operator
278	Sound Engineering	445	Systems Analysis
136	Soviet Eastern European Studies	275	Systems Design Engineering
109	Spanish	275	Systems Engineer(ing)
109	Spanish Language	251	Tailor (Taylor)
109	Spanish Literature	342	Tailoring Technician
137	Spanish Studies	155	Tax Law
408	Special Care Aide	072	Taxidermist
044	Special Care Counselling	032	Teacher Assistant
211	Special Commercial	032	Teachers Assistant
021	Special Education	015	Teachers Degree Accounting
026	Special Education Mental Retardation	032	Teacher's Aide
021	Special Education Teaching	001	Teacher's (College Certificate)
422	Speech Language Pathology	121	Teaching English as a Second Language
422	Speech Pathology	121	Teaching French as a Second Language
422	Speech Pathology and Audiology	353	Tech
422	Speech Science	369	Technical
422	Speech Therapy	335	Technical Drafting
220	Speedwriting	322	Technical Electronics
118	Spiritual Theology	369	Technical Trades
038	Sports Administration	369	Technician
038	Sports and Athletics	369	Technician Engineering
441	Sports Medicine	369	Technology
171	Sports Psychology	326	Telecommunication Engineering (Tech)
038	Sports Science	326	Telegraph (Tech)
313	Spray Painting	213	Telephone Operator
315	Sprinkler Fitting	326	Telephone Tech
467	Static Oceanography	326	Teletype
358	Stationary Engineer(ing)	092	Television Broadcasting
463	Statistics	092	Television Production
358	Steam Engineer(ing)	325	Television Technician
338	Steam Fitter	092	Television (Arts)
315	Steam Gas and Plumbing	212	Teller Training
316	Steel Fabrication	071	Textile Design

307	Textile Processing	218	Typing Shorthand and Accounting
307	Textile Science	107	Ukrainian
307	Textile Tech	436	Ultrasonagraphy
251	Textiles	436	Ultrasound
061	Theatre	436	Ultrasound Tech
061	Theatre Arts	316	Underwater Welding
145	Thematic Cartography	195	Underwriting
118	Theological, Religious and Ethical Studies	078	Upholstering
118	Theological Studies	078	Upholstery
118	Theology	146	Urban and Economic Geography
046	Theology Education	161	Urban and Regional Planning
454	Theoretical Chemistry	161	Urban and Rural Planning
477	Theoretical Physics	161	Urban Design
423	Therapeutic Recreation	161	Urban Development
423	Therapy	151	Urban Geography
478	Thermodynamics	161	Urban Land
398	Thoracic Surgery	143	Urban Land Economics
313	Tile Setting	461	Urban Planning
200	Time Study	161	Urban Regional Planning
346	Tinsmithing	161	Urban Studies
347	Tool and Die (Maker)	398	Urology
347	Tool Making	255	Veterinarian Medicine
037	Tourism	256	Veterinarian Science
037	Tourism and Transportation	256	Veterinary Epidemiology
204	Tourism Industry Administration	255	Veterinary Medicine
204	Tourism Management	255	Veterinary Pathology
383	Toxicology	414	Veterinary Public Health
366	Tractor-Trailer Driving	256	Veterinary Science
369	Trades	255	Veterinary Surgery
368	Train Conductor	237	Veterinary Tech
122	Translation	104	Vietnamese
122	Translation and Interpretation	393	Virology
122	Translation English and French	070	Visual Arts
122	Translators and Interpreters	070	Visual Communications
366	Transport Driving	057	Vocal Music
366	Transport Equipment Operating	057	Vocal Performance Music
363	Transportation	230	Vocational Agriculture
274	Transportation Engineering	017	Vocational Education
200	Transportation Management	043	Vocational Rehabilitation (Counselling)
363	Transportation Planning Technology	017	Vocational Teacher Training
363	Transportation Technology	369	Vocational (Training)
265	Trapping	253	Waiter/Waitress (Training)
037	Travel	253	Waitress(ing)
037	Travel Agent	185	War Studies
204	Travel and Tourism Administration	410	Ward Assistant or Aide
037	Travel and Tourism (Consultant)	348	Warehousing
037	Travel Counsellor	365	Watch Keeping (Mate)
037	Travel Program	079	Watch Making
037	Travel Tourist	079	Watch Repair
037	Travel (Consultant)	288	Water Resources Engineering
298	Tree Physiology	329	Water Resources (Tech)
366	Truck Driving	329	Water Science(s) (Tech)
366	Trucking	466	Weather Observation
092	TV Broadcasting	324	Weather Radar
069	Typesetting	072	Weaving
211	Typing	233	Weed Control
218	Typing and Bookkeeping	316	Welder
220	Typing and Office Work	316	Welder Fitter
218	Typing Bookkeeping	316	Welding

316	Welding and Fabrication	187	Women's Studies
316	Welding Engineering (Tech)	317	Wood Finishing
316	Welding Fitter	359	Wood Tech
316	Welding Tech	317	Woodwork(ing)
178	Welfare	219	Word Process Operator
184	Welfare Aid	219	Word Processing
178	Welfare Worker	219	Word Processing Computer
362	Well Drilling	219	Word Processing Secretary
084	Western Canadian History	219	Word Processing Specialist
236	Western Horsemanship	219	Word Processing - Clerk Typist
036	Wildland Recreation	219	Word Processing - Operator
262	Wildlife Biology	219	Word Processor
332	Wildlife Conservation Tech	437	X-ray Program
262	Wildlife Ecology	437	X-ray Tech
296	Wildlife Management	168	Youth Development
036	Wildlife Recreation	179	Youth Services
326	Wireless Telegraphy	257	Zoology
043	Woman in Trade and Technology		

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